## CHESSBOARD MAGIC! 160 Brilliont Chess Endings IRVING CHERNEV

## IRVING CHERNEV CHESSBOARD MAGIC! 160 Brilliant Chess Endings

This book contains 160 remarkable endgame compositions, all of which illustrate in some way the great aesthetic pleasure chess offers its devotees. Too often the collector of chess endings will allow only two considerations to affect his choice: the ingenuity displayed in the composition and the knowledge needed to solve it. But Mr. Chernev has added a third criterion: inherent beauty of solution. Thus his endgames illustrate symmetry, pleasing patterns of movements, unusual configurations and other examples of the visual appeal of chess. For example, in one situation, five Knights are needed to force mate; in another, White brings about a smothered mate in the center of the board; another shows White saving his skin by building up a column of quadrupled pawns; and a fourth problem shows White forcing stalemate although Black finishes up eight passed pawns ahead!
These unusual situations will sharpen your imagination and increase your skill-but they are valuable most of all for the sheer delight they bestow. Although all the endings in this work are composed, many of them have the "natural" appearance of positions that might have occurred in over-the-board play. Mr. Chernev's endings can be worked through again and again with undiminished pleasure, owing to their tantalizing qualities. Many of these compositions have won first prize in Russian chess magazines and are unavailable in this country. Among their composers are several of the foremost modern Russian chess authorities.
"They're marvelous-sheer magic on a chessboard,"-Dr. Emanuel Lasker, World Champion for 27 years. "An inexhaustible source of entertainment, an endless feast of delight,"-Reuben Fine, Grandmaster.
Unabridged republication of original edition. Introduction by Reuben Fine. 160 diagrams. Index of composers. xii +162 pp . $53 / 8 \times 8$.

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## Chessboard Magic!

A Collection of 160<br>Brilliant Chess Endings

Compiled and Annotated<br>By<br>IRVING CHERNEV

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## Introduction

For years now whenever I've run into Irving Chernev, the first thing he's done has been to pull out his little notebook and set up one intriguing position after another. "Have you seen this?" he asks-and this, and this. He does not want to tease you to find out whether you can solve it or not; he is merely anxious to do you a favor. He is never at a loss for new ideas, new compositionsbut the poor fellow he tortures and beguiles is often at a loss for the right solution.

Not that Chernev much cares whether you can solve his latest or not. For him its inherent beauty is more important than your ability to unravel it. Nor is there any ulterior motive behind his search for these gems. Little does it matter to him whether there is a fancifully complex theme or a weird new type of variation involved; what counts is sheer, unadulterated beauty and enjoyment. And it is this which makes his choice so delightful to all.

There are some who deprecate the problemist's art; it does not improve one's game, they tell you. At times devotees-rather lamely-try to defend the problem by maintaining that it sharpens the imagination or whets the appetite for combinations-and convince nobody, least of all themselves. The problem is a separate province, in some ways as difficult and as complex as the regular
game. It needs no justification-qui s'excuse s'accuse. It stands or falls by the pleasure you derive from itand I need hardly add my small voice to the booming testimony that it can be great.

But, one might inquire, is there no common ground where the problemist and the player can meet on equal terms? Is there nothing which is equally enticing to both? The answer is yes. It is the field of the composed endgame, and it is this which Irving Chernev has taken for his special province.

There is one striking feature which differentiates the ending from the ordinary problem. The task is no longer one of mate in two or three or four, which is essentially foreign and unreal in normal play. No; here it is as though one were in a game: we are told to win, lose or draw. It is no accident that the composer of endings is, by and large, a much better player than the problem composer; nor is it due to chance that a great master like Reti devoted so much of his time to conjuring up enchanting endgames. The chess expert takes naturally to this branch of composition. I have met many who care little for the ordinary problem; I have never known any who were not overjoyed and bewitched by endings.
It is not merely that these studies are of practical value. That is a minor point, even though anyone who writes a book on practical endings can quote copiously from Sutherland and Lommer or Tattersall or some other collection. The significant psychological feature is that the kind of beauty which is illustrated in composed endings is an ideal which is at times attainable in ordinary play.

All the same, we do not play chess to improve at it, though everybody would like to get better. We come to the greatest game in the world and stick to it because
we get a great kick out of it. And anybody who takes a peek at any of the magnificent specimens in Irving Chernev's collection here will stick to them because of the pleasure they bestow.

Chernev has been gathering these endings for many years. The process of selection which has resulted in this book has been tempered by the judgments of others, for he has plagued and amused hundreds of friends, from master to tyro, with his finds. There is material to suit every taste. He who likes heavy artillery will derive the keenest pleasure from the complicated variations of Korolikov's brain-child in No. 18; he who likes graceful fencing will thrill when he sees Herbstmann's lyrical No. 13; he who prefers the contrast of darkness and light will marvel at the persistence in Seletsky's No. 7.

But for all there will be amusement and instruction galore. Endings are an inexhaustible source of entertainment, an endless feast of delight. We can be thankful to Chernev for giving us a small store of jewels which will never tarnish or fade.

REUBEN FINE
Washington, D. C.
February 27, 1943

## Preface

Some years ago, I came across some composed endings in a Russian work on Chess. Laboriously, I worked out the names of the composers. They were all strange to me. Instead of the well known Rinck, Berger, Amelung, Horwitz and Kling, I found myself confronted with such jaw-breakers as Korolikov, Libiurkin, Kasparyan, and Somov-Nasimovitsch. I played through one of Libiurkin's which you will find in this collection, numbered 117. To say that I was thrilled, is putting it mildly. I played the solution through twice more, before going on to another position. Of course, I didn't expect to see another such masterpiece. I looked at one by Seletsky, number 7 in this book, and if I was thrilled before, I was enchanted now by the unexpectedly beautiful mating position forced by White. I played through two more endings, one by Kasparyan, number 5, and one by Korolikov, number 18 , in this volume. They were even more delightful, if possible, than the first two!
Beautiful ideas can be enjoyed doubly, if shared, so I decided to show off these endings to someone who would appreciate them, and I picked no less a connoisseur than Dr. Emanuel Lasker, World's Chess Champion for 27 years. I set up these endings, and watched his face light up with his famous smile, as he solved them. He looked up, and said, "Let's see some more." I showed him the
graceful number 1 of Petrov's, and the remarkable number 132 by Simkovitsch. He solved both, and exclaimed, "They're marvelous-sheer magic on a chessboard!"

I showed many more of these brilliant compositions to Lasker, who found keen delight in unravelling their mysteries. Then I tried them out on Fine, Reshevsky and Kashdan, all of them amazingly quick in solving endings and problems. Their enjoyment gave me even more incentive to look for endings that would thrill and perhaps astonish chess players.

And that is what this collection is meant to be; a compilation of the most beautiful and most brilliant of endgame compositions, remarkable enough, I hope, to justify the title-CHESSBOARD MAGIC!

The positions are not arranged by themes, or composers, or alphabetically. The arrangement is haphazard -and purposely so, for your enjoyment. Each ending is meant to give you a fresh surprise.

Of course, if you derive particular pleasure from certain composers, the index in back of the book will show you where to find their compositions.

You may want to solve the endings-it's easy enough to cover up the solutions, which are right underneath each ending-but it's just as much fun to play through the solutions, as the ideas will prove startling enough.

Difficult positions with countless variations have not been included, as this book is meant for pure enjoyment, and not drudgery. What does count is rich originality and variety, so look up number 8 where five Knights are needed to force mate, or number 116, where White saves his skin by building up a column of quadrupled Pawns, or number 135, which is perhaps the most remarkable "miniature" ever composed, or the charming number 2, which is captivating in its classic simplicity; or better
yet, start at number 1, and go straight through the book! Not only has it a happy ending; it has 160 of them!

I would like to thank Dr. A. Buschke for the use of material which was helpful in preparing this volume.

IRVING CHERNEV

New York<br>September 1st, 1943

## Chessboard Magic!



Dainty and graceful pirouetting by the Knight! The finish is unique-a smothered mate in the center of the board!!

1 R-K7ch
Black cannot reply $1 . . \mathrm{K}-\mathrm{B1}$ as $2 \mathrm{R} \times \mathrm{P}$ mates on the move. If he tries $1 \ldots \mathrm{~K} \times \mathrm{Kt}$, White plays $2 \mathrm{P} \times \mathrm{P}$, and threatens to Queen, either by advancing or capturing the Knight.

$$
\begin{array}{ll}
1 \ldots \mathrm{P} & \mathrm{~K}-\mathrm{Q} 3! \\
2 \mathrm{P} & \ldots
\end{array}
$$

Threatening to Queen.
2....
$\mathrm{Kt} \times \mathrm{Kt}$

Clever play! If White moves 3 P-B8(Q), Black plays $3 \ldots$ $\mathrm{Kt}-\mathrm{K} 4 \mathrm{ch}$, followed by $4 \ldots \mathrm{R} \times \mathrm{Q}$.
White doesn't have to promote to a Queen, though!

| 3 | $\mathrm{P}-\mathrm{B} 8(\mathrm{Kt}) \mathrm{ch}!$ | $\mathrm{K}-\mathrm{Q} 4$ |
| :--- | :--- | ---: |
| $4 \mathrm{Kt}-\mathrm{Kt}$ tch | $\mathrm{K}-\mathrm{Q} 3$ |  |
| $5 \mathrm{R}-\mathrm{Q} c \mathrm{ch}$ | $\mathrm{K}-\mathrm{K} 4$ |  |
| $6 \mathrm{R}-\mathrm{Q} 5 \mathrm{ch}!$ |  | $\mathrm{R} \times \mathrm{R}$ |
| $7 \mathrm{Kt}-\mathrm{B} 4!$ |  |  |
|  |  |  |



Brilliant play by White brings about an exquisite conclusion!

The kind of ending you rush to show your friends !

| 1 | Q-R1ch | $\mathrm{B}-\mathrm{R} 2$ |
| :--- | :--- | ---: |
| $2 \mathrm{Q} \times \mathrm{Bch}!!$ | $\mathrm{K} \times \mathrm{Q}$ |  |
| $3 \mathrm{P}-\mathrm{K} t 6 \mathrm{ch}$ | $\mathrm{K}-\mathrm{R} 1$ |  |
| $4 \mathrm{P}-\mathrm{K} t 7 \mathrm{ch}$ | $\mathrm{K}-\mathrm{R} 2$ |  |
| $5 \mathrm{Kt}-\mathrm{B} 6 \mathrm{ch}$ | $\mathrm{K}-\mathrm{R} 3$ |  |
| $6 \mathrm{P}-\mathrm{K} t 5 \mathrm{ch}!$ | $\ldots .$. |  |

If $6 \ldots \mathrm{~K} \times \mathrm{P}, \mathrm{Kt}-\mathrm{K} 4 \mathrm{ch}, \mathrm{K}$ moves, $8 \mathrm{Kt} \times \mathrm{Q}, \mathrm{B} \times \mathrm{Kt}, 9 \mathrm{P}-$ Kt8 (Q) wins.

$$
\begin{aligned}
& 6 \ldots \\
& 7 \text { P-Kt8(Kt!) } \\
& \text { Mate. }
\end{aligned}
$$

A delightful composition! The mating idea is as beautiful as it is unexpected!

$$
1 \mathrm{P}-\mathrm{B} 4 \mathrm{ch}
$$

Black's King has only two squares to go to. If he moves to B4, then White plays $2 \mathrm{Kt}-\mathrm{Q} 4 \mathrm{ch}$ winning the Rook.

$$
\begin{array}{lr}
1 .-\mathrm{B}-\mathrm{B} 5! & \mathrm{K}-\mathrm{Q} 4 \\
2 \mathrm{P}
\end{array}
$$

$$
3 \mathrm{Kt}-\mathrm{B} 4 \mathrm{ch}
$$

$$
\begin{array}{r}
\mathrm{B} \times \mathbf{P} \\
\mathrm{K}-\mathrm{K} 4
\end{array}
$$

$$
\mathrm{K}-\mathrm{K} 4
$$

Threatening to mate by 5 R-Q5. Black has only one move to stop mate.

$$
\begin{array}{lc}
4 \ldots & \mathrm{P}-\mathrm{B} 3 \\
5 \mathrm{R}-\mathrm{Q} \text { sch! } & \ldots
\end{array}
$$

Giving up the Rook!

$$
\begin{array}{ll}
5 \ldots \mathrm{Kt} \text { Qch!! } & \text { PxR } \\
6 & \cdots \cdot
\end{array}
$$

And the Knight!


4


The winning idea obviously must be to capture Black's Queen-
Maybe it is - but you may be surprised!
1 P-Kt4ch
K-Rs

If $1 \ldots \mathrm{~K}-\mathrm{Kt4}, 2 \mathrm{~B}-\mathrm{Q} 3 \mathrm{ch}$ wins the Queen.

| $2 \mathrm{Kt}-\mathrm{Kt2ch}$ | $\mathrm{~K}-\mathrm{R} 6$ |
| :--- | ---: | ---: |
| $3 \mathrm{Kt}-\mathrm{B} 4 \mathrm{ch}$ | $\mathrm{K}-\mathrm{Rs}$ |
| $4 \mathrm{~B}-\mathrm{B} 2 \mathrm{ch}$ | $\mathrm{K}-\mathrm{Kt4}$ |
| $5 \mathrm{Kt}-\mathrm{Q} 6 \mathrm{ch}$ | $\mathrm{K}-\mathrm{B} 3$ |
| $6 \mathrm{P}-\mathrm{Kt} 5 \mathrm{ch}!$ | $\mathrm{Q} \times \mathrm{P}$ |

Now, if $7 \mathrm{Kt} \times \mathrm{Q}, \mathrm{K} \times \mathrm{Kt}$ followed by $8 \ldots \mathrm{~K} \times \mathrm{P}$ and Black would draw.



A sparkling gem of rare exquisite beauty!
Highly original is the manner in which Black is tied up!

$$
1 \mathrm{Kt}-\mathrm{K} 8 \quad \mathrm{~K}-\mathrm{Kt} 3!
$$

The threat was $2 \mathrm{Kt}-\mathrm{Kt7ch}, \mathrm{~K}-\mathrm{Kt} 3,3 \mathrm{~B}-\mathrm{B}$ mate. If $1 \ldots$ $\mathrm{P}-\mathrm{B} 4,2 \mathrm{~B} \times \mathrm{P}$ followed by $3 \mathrm{Kt}-\mathrm{Kt} 7$ mate.

$$
2 \mathrm{P}-\mathrm{R} 5 \mathrm{ch}!
$$

$$
R \times P
$$

Forced, as $\mathrm{K} \times \mathrm{P}$ would let White mate by $3 \mathrm{Kt}-\mathrm{Kt} 7 \mathrm{ch}$ and 4 B-Bs mate.

$$
\begin{array}{ll}
3 \mathrm{P}-\mathrm{BSch} & \mathrm{R} \times \mathrm{P} \\
4 \mathrm{P}-\mathrm{K} t 4 & \cdots \cdots
\end{array}
$$

Intending $5 \mathrm{~B} \times \mathrm{R}$ mate.

$$
\begin{aligned}
& 4 \ldots \\
& 5 \text { B-BSch! } \\
& 6 \mathrm{Kt}-\mathrm{K} t 7!!
\end{aligned}
$$

$$
\begin{gathered}
\mathrm{R}-\mathrm{B} 4 \\
\mathrm{R} \times \mathrm{B}
\end{gathered}
$$

A "quiet" but powerful move!
$6 \ldots$ Either Rook moves
$7 \mathrm{P} \times \mathrm{R}$

Mate!

A. S. SELETSKY

White to play and win

First Prize-
"Chess in U.S.S.R." 1933
An astonishing illustration of smothered mate!
How the great Philidor would have enjoyed this beautiful treatment of what players call "Philidor's Legacy"!

$$
1 \mathrm{Q}-\mathrm{K} t 5!\quad \mathrm{K}-\mathrm{K} 3 \mathrm{ch}!
$$

If $1 \ldots \mathrm{BxP}, \mathrm{Kt}-\mathrm{B} 4$ followed by $2 \mathrm{~B}-\mathrm{R} 5 \mathrm{ch}$ wins. Or, if $1 \ldots \mathrm{Q}-\mathrm{K} 2, \mathrm{P}-\mathrm{Q} 8(\mathrm{Q})$.

$$
2 K-K t 1!\quad K \times P
$$

Of course not $2 \ldots$ B x P, 3 B-Kt4ch, K-B2, $4 \mathrm{Kt}-\mathrm{Ksch}$, $\mathrm{K}-\mathrm{K} 1,5 \mathrm{~B} \times \mathrm{B}$ mate.

$$
3 \mathrm{Kt}-\mathrm{BSch} \quad \mathrm{~K}-\mathrm{B} 1
$$

If $3 \ldots \mathrm{~K}-\mathrm{Q} 3,4 \mathrm{Q}-\mathrm{Kt3ch}, \mathrm{~K}-\mathrm{Q} 4,5 \mathrm{~B}-\mathrm{B} 4 \mathrm{ch}$ ! $\mathrm{K} \times \mathrm{B}, 6$ $\mathrm{Q}-\mathrm{Kt3ch}$ and wins the Queen.

| $4 \mathrm{~B}-\mathrm{R} 6 \mathrm{ch}$ | $\mathrm{K}-\mathrm{K} t 1$ |
| :--- | ---: |
| $5 \mathrm{Q}-\mathrm{K} t 3 \mathrm{ch}$ | $\mathrm{K}-\mathrm{R} 1$ |
| $6 \mathrm{~B}-\mathrm{K} 7 \mathrm{ch}!$ | $\mathrm{B} \times \mathrm{B}$ |
| $7 \mathrm{Kt}-\mathrm{Q} 7!$ | $\mathrm{Q}-\mathrm{Q} 1$ |

To guard the threatened mate by $8 \mathrm{Kt}-\mathrm{Kt} 6$, or $8 \mathrm{Q}-\mathrm{Kt} 8$.
8 Q-Kt8ch!!
$Q \times Q$
$9 \mathrm{Kt}-\mathrm{Kt} 6$

Mate.


A miracle of ingenuity!
The Soviet wizard of endings shows a remarkable specimen of under-promotion, wherein White effects checkmate with the use of five Knights simultaneously!!

Black threatens 1 . . . P-B8(Kt)ch, $2 \mathrm{~K}-\mathrm{Ri}, \mathrm{Kt}(\mathrm{Q} 7)-\mathrm{Kt} 6$ mate!
1 R-RSch
K x R

If $1 \ldots \mathrm{~B} \times \mathrm{R}, 2 \mathrm{P}-\mathrm{Q} 8(\mathrm{Q}) \mathrm{ch}$. Or, if $1 \ldots \mathrm{~K}-\mathrm{Kt}$, $2 \mathrm{R}-\mathrm{R} 1$. 2 Kt -B4ch K-R3
Again, if $2 \ldots$ K-R 5 or Kt4, 3 P-Q8(Q) ch.

| $3 \mathrm{p}-\mathrm{Kt} 8(\mathrm{Kt}) \mathrm{ch}$ | $\mathrm{K}-\mathrm{R} 2$ |
| :--- | :--- |
| $4 \mathrm{Kt}(\mathrm{Kt} 8)-\mathrm{B} 6 \mathrm{ch}$ | $\mathrm{K}-\mathrm{R} 3$ |

Not $4 \ldots$ K-R1, 5 Kt x B mate.
$5 \mathrm{KtxPch} \quad \mathrm{K}-\mathrm{R} 2$
$6 \mathrm{Kt}(\mathrm{K} 8)-\mathrm{B} 6 \mathrm{ch} \quad \mathrm{K}-\mathrm{Kt} 2$
$7 \mathrm{Kt}-\mathrm{K} 6 \mathrm{ch} \quad \mathrm{K}-\mathrm{B} 2$
$8 \mathrm{P}-\mathrm{Q} 8(\mathrm{Kt}) \mathrm{ch}!\quad \mathrm{K}-\mathrm{K} 2$
$9 \mathrm{P}-\mathrm{B} 8(\mathrm{Kt})$ mate!
An extraordinary checkmate!

G. SACHODAKIN

White to play and win
"Cbess in U.S.S.R."
1934
A Knight alone cannot mate-but watch! The final picture is unique!
$1 \mathrm{Kt}-\mathrm{K} 6$
B-B7
2 K-Kt1!
revent $\mathrm{K}-\mathrm{R} 7$.
$2 \ldots$...
B $\times \mathbf{P}$
$3 \mathrm{Kt}-\mathrm{B} 5$
. . . .
Threatening $4 \mathrm{~B}-\mathrm{Bl}$ mate.
$3 .$.
P-Kt6
4 B-B8!
. . .

Now the threat is $5 \mathrm{Kt}-\mathrm{K} 4 \mathrm{ch}, \mathrm{K}-\mathrm{R} 5,6 \mathrm{Kt}-\mathrm{B} 3$ mate.

| $4 \ldots$ | B-K8 |
| :--- | ---: |
| $5 \mathrm{Kt}-\mathrm{Q} 3 \mathrm{ch}$ | $\mathrm{B}-\mathrm{K} t 5$ |
| $6 \mathrm{~B} \times \mathrm{Bch}!$ | $\mathrm{P} \times \mathrm{B}$ |
| $7 \mathrm{Kt}-\mathrm{Kt} 2$ | P-R4 |
| $8 \mathrm{~K}-\mathrm{R} 1$ | $\mathrm{P}-\mathrm{R} 5$ |

$9 \mathrm{Kt}-\mathrm{B} 4$
Mate.


Clever fencing by both players, with White getting in the final thrust!

An elegant composition!
$1 \mathrm{P}-\mathrm{Q} 7$
B-B3
2 P-R6
Kt-Kts

To get to B3-then the Knight can watch the Queen Pawn, while the Bishop stops the Rook Pawn.

$$
\begin{array}{lc}
3 \mathrm{P}-\mathrm{Q} 8(\mathrm{Q})! & \mathrm{B} \times \mathrm{Q} \\
4 \mathrm{~B}-\mathrm{Q} 4! & \ldots .
\end{array}
$$

Now how does Black stop the Rook Pawn?

```
\(4 . .\).
\[
5 K-B 3
\]
\[
\mathrm{Kt}-\mathrm{Q} \text { Gch }
\]
\[
K t-B s!
\]
```

To get to Kt3.
6 K x Kt
B-Kt4ch
And now we lose that beautiful Passed Pawn!
7 K-B5
B x $P$
8 B-B2ch
K-R4
$9 \mathrm{P}-\mathrm{Kt} 4$

Mate.

S. GRUBER

White to play and win
"Magyar Sakkvilag" 1932
A piquant setting!! Knight and Bishop against Queen! But - keep your eye on that innocent-looking White Pawn!
1 K -Bs
Q-B1

The only move, but it stops $2 \mathrm{Kt} \times \mathrm{Pch}$ as $\mathrm{Q} \times \mathrm{Ktch}, 3 \mathrm{Kx} \mathbf{Q}$ and Black is stalemate.

| $2 \mathrm{Kt}-\mathrm{Kt7ch}!$ | $\mathrm{Q} \times \mathrm{Kt}$ |
| :--- | ---: | ---: |
| $3 \mathrm{~B}-\mathrm{K} 8 \mathrm{ch}$ | $\mathrm{Q}-\mathrm{Kt3ch}$ |
| $4 \mathrm{~B} \times \mathrm{Qch}$ | $\mathrm{P} \times \mathrm{Bch}$ |
| $5 \mathrm{~K} \times \mathrm{P}$ | $\mathrm{P}-\mathrm{Kt4}$ |
| $6 \mathrm{~K}-\mathrm{B} 5$ | $\mathrm{P}-\mathrm{Kts}$ |

7 PxP

## Mate.

12


It's easy to see that White must try to win by Queening a Pawn. Black manages to prevent it, but gets a terrific shock!

| 1 | $\mathrm{P}-\mathrm{K} 7$ | $\mathrm{~B}-\mathrm{Kt} 3$ |
| :--- | :--- | ---: |
| 2 | $\mathrm{P}-\mathrm{B} 6$ | $\mathrm{~K}-\mathrm{K} 3$ |
| 3 | $\mathrm{P}-\mathrm{B} 7$ | $\mathrm{~K}-\mathrm{Q} 2$ |
| 4 | $\mathrm{~K}-\mathrm{K} 6$ | $\mathrm{Kt}-\mathrm{B} 4$ |

So that if $5 \mathrm{~K}-\mathrm{Kt} 7, \mathrm{Kt} \times \mathrm{P}$.

| $5 \mathrm{P}-\mathrm{K} 8(\mathrm{Q}) \mathrm{ch}!$ | $\mathrm{B} \times \mathrm{Q}$ |  |
| :--- | :--- | ---: |
| $6 \mathrm{~K}-\mathrm{Kt7}$ | $\mathrm{Kt}-\mathrm{K} 2$ |  |
| $7 \mathrm{Kt}-\mathrm{B} 5!$ |  |  |
|  |  | Mate. |


A. O. HERBSTMANN

WHITE TO PLAY AND DRAW

## A dainty miniature!

Black manages to be three pieces ahead, but cannot win as his own Rook is forced into a "cul de sac."

Black not only attacks the Rook, but threatens, if the Rook moves, say to KR3, $1 \ldots \mathrm{Kt}(\mathrm{R} 7)$-B6ch followed by $2 \ldots \mathrm{R} \times \mathrm{Kt}$. Or, if $1 \mathrm{R}-\mathrm{B} 2, \mathrm{R}-\mathrm{Q} 1 \mathrm{ch}, 2 \mathrm{R}-\mathrm{Q} 2, \mathrm{R} \times \mathrm{R}$ mate.

| 1 | $\mathrm{R}-\mathrm{B} 3 \mathrm{ch}!$ | $\mathrm{K}-\mathrm{Kt7}$ |
| :--- | :--- | ---: |
| 2 | $\mathrm{R}-\mathrm{QKt} 3$ | $\mathrm{Kt}(\mathrm{R} 7)-\mathrm{B} 6 \mathrm{ch}$ |
| 3 | $\mathrm{~K}-\mathrm{B} 1$ | $\mathrm{R} \times \mathrm{Kt}$ |
| 4 | $\mathrm{R}-\mathrm{Kt} 2 \mathrm{ch}$ | $\mathrm{K}-\mathrm{B} 6$ |
| 5 | $\mathrm{R}-\mathrm{QR} 2!$ | $\ldots .$. |

So that if $5 \ldots \mathrm{R} \times \mathrm{R}$, White is stalemate!

$$
\begin{aligned}
& 5 \ldots \\
& 6 \mathrm{~K}-\mathrm{Kt} 2!!
\end{aligned} \quad \text { Kt } \times \text { Rch }
$$

The Rook is lost, and the two Knights alone cannot mate.
Draw.

14


Dr. Emanuel Lasker had high praise for this charming specimen of Kubbel's genius!
$1 \mathrm{Kt}-\mathrm{K} 3 \mathrm{ch}$
K-Kt 6

If $1 \ldots \mathrm{~K}-\mathrm{R} 7,2 \mathrm{Q}-\mathrm{B} 2 \mathrm{ch}, \mathrm{K}-\mathrm{R} 6,3 \mathrm{Q}-\mathrm{Kt} 2 \mathrm{ch}, \mathrm{K}-\mathrm{R} 5$, $4 \mathrm{Q}-\mathrm{Kt} 4$ mate.

$$
\begin{array}{ll}
2 \text { Q-Kt4ch } & \mathrm{K}-\mathrm{B} 7 \\
3 \mathrm{Q}-\mathrm{B} 4 \mathrm{ch} & \mathrm{~K}-\mathrm{K} 7
\end{array}
$$

If $3 \ldots \mathrm{~K}-\mathrm{Kt} 8,4 \mathrm{Q}-\mathrm{B} 1 \mathrm{ch}$ and mate next move.
4 Q-B1ch

$$
\mathrm{K}-\mathrm{Q} 7
$$

Of course not $4 \ldots \mathrm{KxKt}, 5 \mathrm{Q}-\mathrm{K} 1 \mathrm{ch}$, winning the Queen.

$$
\begin{array}{lr}
5 \mathrm{Q}-\mathrm{Q} 1 \mathrm{ch} & \mathrm{~K}-\mathrm{B} 6 \\
6 \mathrm{Q}-\mathrm{B} 2 \mathrm{ch} & \mathrm{~K}-\mathrm{K} 5
\end{array}
$$

Not 6 . . K-QS, 7 Kt-Bsch.
7 Q-Kt2ch!
$\mathrm{Kt}-\mathrm{Kt} 6$
Black avoids $7 \ldots \mathrm{~K}-\mathrm{R} 4,8 \mathrm{Kt}-\mathrm{B} 4 \mathrm{ch}, \mathrm{K}-\mathrm{R} 3,9 \mathrm{Q}-\mathrm{Kt} 6$ mate. 8 Q-R3ch!!
A gorgeous move! Black must capture or lose his Queen.

$$
\begin{aligned}
& 8 \ldots \\
& 9 \mathrm{Kt}-\mathrm{B} 2
\end{aligned} \quad \mathrm{~K} \times \mathrm{Q}
$$


S. m. birnov
white to rlay and wis
"Chesr in U.S.S.R." 1939
In which the Black King takes a long walk (to Rook eight) but is forced back home, where he meets his fate! An amusing scherzo!

$$
1 \mathrm{~B}-\mathrm{B} 5 \mathrm{ch} \quad \mathrm{~K}-\mathrm{B} 8
$$

Of course not $1 \ldots$ K-R7, 2 R-R8 mate.

| $1 \mathrm{~B}-\mathrm{B} 5 \mathrm{ch}$ | K-B8 |
| :---: | :---: |
| Of course not $1 \ldots \mathrm{~K}-\mathrm{R} 7,2 \mathrm{R}-\mathrm{R} 8$ mate. |  |
| 2 R -B8ch | K-K8 |
| $3 \mathrm{~B}-\mathrm{Kt4ch}$ | K-Q8 |
| 4 R -Q8ch | K--B8 |
| $5 \mathrm{~B}-\mathrm{R} 3 \mathrm{ch}$ | K-Kt8 |
| $6 \mathrm{R}-\mathrm{Kt8ch}$ | K-R8 |
| $7 \mathrm{~B}-\mathrm{Kt2ch}$ | K-Kt8 |
| $8 \mathrm{~B}-\mathrm{Ksch}$ | K-B8 |
| $9 \mathrm{~B}-\mathrm{B} 4 \mathrm{ch}$ | K-Q8 |
| $10 \mathrm{R}-\mathrm{Q} 8 \mathrm{ch}$ | K-K8 |
| $11 \mathrm{~B}-\mathrm{Kt} 3 \mathrm{ch}$ | K-B8 |
| $12 \mathrm{R}-\mathrm{B} 8 \mathrm{ch}$ | $\mathrm{K}-\mathrm{Kt8}$ |
| $13 \mathrm{~K}-\mathrm{R} 3$ | Any |
| $14 \mathrm{~B}-\mathrm{R} 2$ |  |
| Mate. |  |

Black slips out of three mating nets, but the fourth one holds him tight!

A brilliant composition !
1 R-B2
B-K Kt 7
$2 \mathrm{R}-\mathrm{Kt} 2$
. . .

Threatens $3 \mathrm{R}-\mathrm{K} t 8$ mate. If $2 \ldots \mathrm{~B}-\mathrm{K} t 2$, simply $3 \mathrm{R} \times \mathrm{P}$ wins for White.

$$
\begin{array}{lc}
2 \ldots & \mathrm{~K}-\mathrm{K} 1 \\
3 \mathrm{R}-\mathrm{Kt8ch} & \mathrm{~K}-\mathrm{Q}^{2} \\
4 \mathrm{Kt}-\mathrm{B} 7 & \ldots
\end{array}
$$

$$
\begin{gathered}
\mathrm{P}-\mathrm{B} 4 \\
\mathrm{~K}-\mathrm{B} 3
\end{gathered}
$$

An ingenious drawing idea!
Black has the choice of either stalemating White, or in refusing, to stalemate himself!

| 1 | P——R8(Q) | R-R7ch |
| :--- | :--- | ---: |
| 2 | K-Kt5 | R $\times \mathrm{Q}$ |
| $3 \mathrm{P}-\mathrm{Kt7ch}!$ | $\mathrm{K} \times \mathrm{P}$ |  |
| $4 \mathrm{P}-\mathrm{B} 6 \mathrm{ch}!$ | ... |  |

If Black replies 4...K-B1, White is stalemate, therefore,

and Black is stalemate!

E. N. SOMOV-NASIMOVITSCH WHITE TO PLAY AND WIN
"Zadachi I Etiudi" 1928

Threat-S R-Q8 mate.

$$
4 \ldots
$$

| $4 . .$. | $\mathrm{P}-\mathrm{B} 4$ |
| :--- | ---: |
| $5 \mathrm{R}-\mathrm{Q} 8 \mathrm{ch}$ | $\mathrm{K}-\mathrm{B} 3$ |
| $6 \mathrm{R}-\mathrm{Q} 2$ | $\ldots$. |

$$
6 \mathrm{R}-\mathrm{Q} 2
$$

Now White threatens $7 \mathrm{Kt}-\mathrm{Q} 8$ mate.

| $6 \ldots$ | $\mathrm{P}-\mathrm{B} 5$ |
| ---: | ---: |
| $7 \mathrm{Kt}-\mathrm{Q} 8 \mathrm{ch}$ | $\mathrm{K}-\mathrm{B} 4$ |
| $8 \mathrm{Kt} \times \mathrm{Pch}$ | $\mathrm{K}-\mathrm{B} 3$ |
| 9 Kt Q 8 ch | $\mathrm{K}-\mathrm{B} 4$ |
| $10 \mathrm{R} \times \mathrm{B}$ | $\mathrm{P}-\mathrm{R} 8(\mathrm{Q})$ |
| $11 \mathrm{R}-\mathrm{Kt} 5 \mathrm{ch}$ | $\mathrm{K}-\mathrm{Q} 3$ |
| $12 \mathrm{R}-\mathrm{Q} 5$ |  |
|  |  |

Mate.

G. HOGDASSARJANZ

WHITE TO PLAY AND DRAW
"Chers in U.S.S.R." 1936
Who will be stalemate?
It seems at first glance as though White might try to sacrifice his pieces, but that he can force Black into
a stalemate position in five moves is almost incredible! Note that both White Rooks are attacked!

$$
1 \mathrm{R}-\mathrm{Q} 1 \quad \mathrm{Q} \times \mathrm{R}(\mathrm{R} 1)
$$

Not, of course $1 \ldots \mathrm{Q} \times \mathrm{R}(\mathrm{Q} 8) \mathrm{ch}, 2 \mathrm{~B}-\mathrm{Q} 5$ mate.

$$
\begin{array}{ll}
2 \mathrm{R} \times \mathrm{Ktch} & \mathrm{~K} \times \mathrm{B} \\
3 \mathrm{~K}-\mathrm{K} 8! & \cdots \cdots
\end{array}
$$

Threatens $4 \mathrm{R}-\mathrm{B} 8$ mate.

| $3 \ldots$ |  | $\mathrm{Kt}-\mathrm{K} 3$ |
| :--- | ---: | ---: |
| $4 \mathrm{R}-\mathrm{Kt1ch}$ |  | $\mathrm{Kt}-\mathrm{Kt} 2 \mathrm{ch}$ |
| $5 \mathrm{~K} \mathrm{x} \mathrm{P!}$ |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

A. O. HERBSTMANN

WHITE TO PLAY AND DRAW
"Chess in U.S.S.R." 1937


A splendid example of Herbstmann's original and sparkling style!

| $1 \mathrm{P}-\mathrm{R} 8(\mathrm{Q}) \mathrm{ch}$ | $\mathrm{Q} \times \mathrm{Q}$ |
| :--- | ---: |
| $2 \mathrm{R}-\mathrm{R} 5 \mathrm{ch}$ | $\mathrm{Q} \times \mathrm{R}$ |
| $3 \mathrm{P} \times \mathrm{Q}$ | $\mathrm{R}-\mathrm{QR} 3$ |

This Pawn must be saved, or the position is a clear draw.

| $4 \mathrm{P}-\mathrm{R} 6$ | $\mathrm{~B}-\mathrm{KS}$ |
| :--- | ---: |
| $5 \mathrm{P}-\mathrm{R} 7$ | $\mathrm{~B} \times \mathrm{P}$ |
| 6 Castles ch! | $\mathrm{K}-\mathrm{R} 2$ |
| $7 \mathrm{R}-\mathrm{Q} 6!$ | $\ldots .$. |

If $7 \ldots \mathrm{R} \times \mathrm{R}$ stalemate!
7....
R-R4
8 R-Q5
R-RS

White keeps opposing the Black Rook along the Queen file. Black cannot capture or White is stalemate. Therefore-

Draw!


21
T. B. GORGIEV

WHITE TO PLAY AND WIN

First Prize-
" 64 " 1929

## A work of art!

That White should be able to force the win of a piece or checkmate with his pieces scattered so seems unbelievable!

## 1 K -Kt 6

Kt-B1ch
If $1 \ldots \mathrm{Kt}-\mathrm{B} 3,2 \mathrm{~B}-\mathrm{Kt} 3 \mathrm{ch}, \mathrm{K}-\mathrm{Q} 2$ (or Q4) $3 \mathrm{Kt}-\mathrm{B} 6 \mathrm{ch}$ wins a piece.

$$
2 \mathrm{~K}-\mathrm{Kt} 7
$$

Now, if $2 \ldots \mathrm{~K}-\mathrm{Q} 2,3 \mathrm{Kt}(\mathrm{Kt} 8)$-B6ch, K-Q1, $4 \mathrm{~B}-\mathrm{R} 5 \mathrm{ch}$ wins the Knight.

| 2 . . | Kt-K2 |
| :---: | :---: |
| 3 B-Kt3ch | $\mathrm{K}-\mathrm{Q} 2$ |
| $4 \mathrm{Kt}(\mathrm{Kt8})-\mathrm{B} 6 \mathrm{ch}$ | $\mathrm{K}-\mathrm{Q} 1$ |
| $5 \mathrm{~B}-\mathrm{B} 7 \mathrm{ch}!!$ | KtxB |
| $6 \mathrm{Kt}-\mathrm{Ks}$ |  |

And mates next move!
If $6 \ldots \mathrm{Kt}(\mathrm{K} 2)$ moves, $7 \mathrm{Kt}-\mathrm{B} 6$ mate.
If $6 \ldots \mathrm{Kt}(\mathrm{B} 2)$ moves, $7 \mathrm{Kt}-\mathrm{B} 7$ mate.


A delightful composition!
The chase and capture of the Queen is accomplished with consummate artistry!

$$
1 \mathrm{R}-\mathrm{R} 8!
$$

The Queen has no other square!
If $\begin{array}{ll}1 & \ldots \mathrm{Q} \times \mathrm{R}, 2 \\ 2 & \mathrm{~B}-\mathrm{B} 3 \mathrm{ch} \\ 1 & \ldots \\ 1 & \ldots-\mathrm{Q} 3,2 \\ \mathrm{R}-\mathrm{R} 6 \mathrm{ch} \\ 1 & \ldots \mathrm{Q}-\mathrm{Q}, \\ 2 & \mathrm{~B}-\mathrm{B} 3 \\ & \ldots-\mathrm{Q} 5,2\end{array}$
2 RxP !
Q-Kt1
Of course not $2 \ldots \mathrm{Q} \times \mathrm{R}, 3 \mathrm{~B}-\mathrm{K} 8 \mathrm{ch}$.

$$
3 \text { R-R8! }
$$

$$
Q-R 2
$$

Ah, a place of refuge!
4 B-Kt 6 !
QxB
$5 \mathrm{R}-\mathrm{R} 6 \mathrm{ch}$
K moves
$6 \mathrm{R} \times \mathrm{Q}$
And wins.

A. A. TROITZKY

WHITE TO PLAY AND WIN
"Ceske Slovo" 1924

Troitzky takes a pretty idea first shown by Rev. Saavedra, and dresses it up in bright new clothes!
Q-R7!
$1 \mathrm{P}-\mathrm{R} 7$
R-Kt4ch
$2 \mathrm{~K} \times \mathrm{P}$
R x P
3 K-B7
. . . .

Threatens $4 \mathrm{R}-\mathrm{R} 2$ mate.

| $3 \ldots$ | B-K3 |
| :--- | :--- |
| $4 \mathrm{~K}-\mathrm{K} t 8$ | $\ldots$ |

Now the threat is $5 \mathrm{R}-\mathrm{Q} 6$ mate!

| $4 \ldots$ | $B-Q 4$ |
| :--- | ---: |
| $5 \mathrm{R} \times \mathrm{B}!$ | $\mathrm{R} \times \mathrm{R}!$ |

A subtle defence! If $6 \mathrm{P}-\mathrm{R} 8(\mathrm{Q}), \mathrm{R}-\mathrm{Q} 1 \mathrm{ch}, 7 \mathrm{Q} \times \mathrm{R}$ stalemate! 6 P—R8(R)!
And now White threatens 7 R-R6 mate.

$$
\begin{array}{ll}
6 \ldots & R-Q 3 \\
7 \mathrm{~K}-\mathrm{B} 7! &
\end{array}
$$

And wins, as Black cannot stop the mate by $8 \mathrm{R}-\mathrm{R} 8$ and still save the Rook!


The Knights cavort with gay agility, and demonstrate their superiority to a "mere" Queen!

A scintillating jewel wrought by a master hand!
1 K -B8
B-K4
$2 \mathrm{Kt}-\mathrm{B} 7$

$$
\mathrm{B}-\mathrm{K} \mathrm{t} 1
$$

$3 \mathrm{Kt}-\mathrm{Q} 8$
. . . .

Threatening to win by $4 \mathrm{Kt} \times \mathrm{Pch}, \mathrm{K}-\mathrm{R} 3, \mathrm{SKt} \times \mathrm{Bch}, \mathrm{K}-\mathrm{R} 2$, $6 \mathrm{Kt}-\mathrm{B} 6 \mathrm{ch}, \mathrm{K}-\mathrm{R} 3,7 \mathrm{P}-\mathrm{Kt} 8(\mathrm{Kt})$ mate.

| 3 | B-Q3 |
| :---: | :---: |
| $4 \mathrm{Kt} \times \mathrm{Pch}$ | K-R3 |
| $5 \mathrm{Kt}-\mathrm{Q} 4$ | P-Kt6 |
| $6 \mathrm{Kt}-\mathrm{Kts}$ |  |

Now, if $6 \ldots \mathrm{~B}-\mathrm{K} 4,7 \mathrm{Kt}-\mathrm{B} 7 \mathrm{ch}, \mathrm{B} \times \mathrm{Kt}, 8 \mathrm{~K} \times \mathrm{B}, \mathrm{P}-\mathrm{Kt} 7$, 9 P-Kt8(Q), P-Kt8(Q), 10 Q-QR8 mate.

| $6 \ldots \ldots$ | P-Kt7 |
| :--- | ---: |
| $7 \mathrm{Kt} \times \mathrm{B}$ | $\mathrm{P}-\mathrm{Kt8}(\mathrm{Q})$ |
| $8 \mathrm{P}-\mathrm{Kt8(Kt)ch!}$ | $\mathrm{~K}-\mathrm{R} 2$ |
| $9 \mathrm{Kt}-\mathrm{KtSch}$ | $\mathrm{K}-\mathrm{R} 1$ |
| $10 \mathrm{Kt}-\mathrm{B} 7 \mathrm{ch}$ | $\mathrm{K}-\mathrm{R} 2$ |
| $11 \mathrm{Kt}-\mathrm{B} 6$ |  |

Mate.

K. A, L, KUBBEL

WHITE TO PLAY AND WIN
"Schachmatny Listok" 1922
Kubbel's music to the words of Keats' "A thing of beauty is a joy forever."
1 Kt -B6
$\mathrm{K} \times \mathrm{Kt}$

If $1 \ldots \mathrm{P}-\mathrm{R} 7,2 \mathrm{Kt}-\mathrm{Kt} 4 \mathrm{ch}$, followed by $3 \mathrm{Kt} \mathbf{x} \mathrm{P}$.
2 B-B6
K-Q4
Of course not $2 \ldots \mathrm{~K}-\mathrm{B} 4,3 \mathrm{~B}-\mathrm{K} 7 \mathrm{ch}$, and $4 \mathrm{~B} \times \mathrm{P}$.
$3 \mathrm{P}-\mathrm{Q} 3$ !
P—R7
4 P-B4ch!
. . .

Should Black reply 4... PxP en passant, 5 BxP wins easily.

$$
4 \ldots \quad K-B 4
$$

How does White save himself, with the long diagonal blocked?
S K-Kt7!

Now, if Black's King moves, then $6 \mathrm{~B} \times \mathrm{P}$ wins.

$$
\begin{aligned}
& 5 \ldots \text { K } \ldots \text { mate! } \quad \text { P-R8 (Q) } \\
& \text { A lovely conclusion. }
\end{aligned}
$$


V. A. KOROLIKOV
and
A. P. DOLIUKANOV
white to play and win
"Chess in U.S.S.R."
1939
Two famous composers combine their talents and produce this gem with two delightful finishes-depending on Black's defence!

Watch how the Black King is made to "run the gauntlet" in both!

$$
1 \mathrm{~B}-\mathrm{Q} 8!
$$

If $1 \ldots \mathrm{KtPxP}, 2 \mathrm{~K}-\mathrm{Kt} 3, \mathrm{P}-\mathrm{B} 8(\mathrm{Q}), 3$ R-R4ch, $\mathrm{K}-\mathrm{Kt} 4,4$ P-R4ch, K-B4, 5 P-Kt4ch, K-Q4, 6 P-B4ch, K-K4, 7 P-Q4ch, K-B4, 8 R-B4ch, K-Kt4, 9 BxRch, K-R3, 10 R-R4 mate.

| 1. | P x KtP |
| :---: | :---: |
| $2 \mathrm{~K}-\mathrm{R} 3$ | $\mathrm{P}-\mathrm{Kt8}(\mathrm{Q})$ |
| 3 R-R4ch | K-Kt4 |
| $4 \mathrm{P}-\mathrm{R} 4 \mathrm{ch}$ | K-B4 |
| $5 \mathrm{P}-\mathrm{Kt4ch}$ | K-Q4 |
| $6 \mathrm{P}-\mathrm{B} 4 \mathrm{ch}$ | K-K4 |
| $7 \mathrm{P}-\mathrm{Q} 4 \mathrm{ch}$ | K-B4 |
| $8 \mathrm{P}-\mathrm{K} 4 \mathrm{ch}$ | K-Kt4 |

Mate!


Mystery :
Why should anyone refuse to pen his name to so delightful a composition?
1 B-R4ch
$\mathrm{K} \times \mathrm{B}$

Rejection of the Bishop permits a perpetual check by $1 \ldots K-B S$, 2 B-Kt3ch, K-Kt4, 3 B-R4ch etc.

| 2 | $\mathrm{P}-\mathrm{K} t 3 \mathrm{ch}$ | $\mathrm{K}-\mathrm{Kt4}$ |
| :--- | :--- | ---: |
| 3 | $\mathrm{P}-\mathrm{B} 4 \mathrm{ch}$ | $\mathrm{K}-\mathrm{B} 3$ |
| 4 | $\mathrm{P}-\mathrm{Q} 5 \mathrm{ch}$ | $\mathrm{K}-\mathrm{Q} 2$ |
| 5 | $\mathrm{~K}-\mathrm{K} 6 \mathrm{ch}$ | $\mathrm{K} \times \mathrm{B}$ |
| 6 | $\mathrm{P}-\mathrm{B} 5!$ |  |

## Drawn

Black with two Rooks and a Bishop ahead cannot possibly force a break through!
White must refuse all sacrifices (for instance 6 . . B-B2, 7 $\mathrm{K}-\mathrm{K} 3, \mathrm{R}-\mathrm{R} 5$ ) and simply move his King!

B. A. BRON

WHITE TO PLAY AND WIN

## First Prize-

1934 Tourney
As in many an Alekhine combination, the "kick" comes at the end!

Just as Black does win a Knight, he gets mated!

$$
1 \mathrm{Kt}-\mathrm{Q} 2 \mathrm{ch}
$$

Of course not $1 \mathrm{P}-\mathrm{Q} 7, \mathrm{~B} \times \mathrm{P}, 2 \mathrm{~B} \times \mathrm{B}, \mathrm{K} \times \mathrm{Kt}$.

$$
1 \ldots \quad K-Q^{6}
$$

And not $1 \ldots \mathrm{~K}-\mathrm{B}$, $2 \mathrm{Kt}-\mathrm{K} 4 \mathrm{ch}, \mathrm{K}-\mathrm{Q}$, $3 \mathrm{Kt}-\mathrm{Bsch}$, and wins.

$$
2 \mathrm{Kt}-\mathrm{K} 1 \mathrm{ch} \quad \mathrm{~K}-\mathrm{K} 7
$$

If $2 \ldots \mathrm{Kx} \mathrm{Kt}, 3 \mathrm{Kt}-\mathrm{B} 3 \mathrm{ch}$, followed by $4 \mathrm{Kt} \times \mathrm{B}$.

$$
3 \mathrm{~B}-\mathrm{K} t 5 \mathrm{ch} \quad \mathrm{~K}-\mathrm{Q} 8!
$$

If either Knight is captured, then $4 \mathrm{Kt}-\mathrm{B} 3 \mathrm{ch}$, and $5 \mathrm{Kt} \times \mathrm{B}$ wins.
$4 \mathrm{P}-\mathrm{Q} 7$
$5 \mathrm{~B} \times \mathrm{B}$
BxP
$6 \mathrm{~K}-\mathrm{Kt1}$ !
B-K4ch

The Knights are still safe, as $6 \ldots \mathrm{~K} \times \mathrm{Kt}, 7 \mathrm{Kt}-\mathrm{B} 3 \mathrm{ch}, \mathrm{K}$ moves, $8 \mathrm{Kt} \times \mathrm{B}$ wins.

$$
6 \ldots \quad \text { B-B6 }
$$

Now it looks as if one of them must go!

$$
7 \text { Kt-K4! }
$$

$$
\mathrm{B} \times \mathrm{Kt}
$$

Finally winning the Knight, but-
8 B-Kt4 mate!
G. M. Kasparyan

WHITE TO PLAY AND DRAW

"Perpetual Stalemate" is beautifully shown by Kasparyan in this first prize winner, with both sides trying vainly to sacrifice their Queens!
The humor of the situation does not detract from the magnificence of the conception!

$$
1 \mathrm{Kt}-\mathrm{B} 4
$$

Threatening $2 \mathrm{Q}-\mathrm{Q} 3$ mate, or $2 \mathrm{Kt}-\mathrm{Q} 5$ mate.

| 1 . . | QxPch! |
| :--- | ---: |
| $2 \mathrm{Kt}-\mathrm{Kt2ch}$ | $\mathrm{~K}-\mathrm{K} 5$ |
| 3 Qx R! | $\ldots .$. |

So that, if $3 \ldots \mathrm{P} \times \mathrm{Q}$, stalemate.

$$
3 \ldots \quad Q-R 7 c h
$$

Now, if $4 \mathrm{~K} \times \mathrm{Q}, \mathrm{P} \times \mathrm{Q}$ and Black wins.

$$
4 \mathrm{~K}-\mathrm{B} 2!\quad \text { Q-Kt8ch }
$$

Again, if $4 \ldots$. . P x Q stalemate.
Black again tries to sacrifice his Queen, and win; but White keeps pinning himself!
$5 \mathrm{~K}-\mathrm{K}+3$ !
Q-B7ch
$6 \mathrm{~K}-\mathrm{R} 2$ !
Q-Kt Gch
$7 \mathrm{~K}-\mathrm{KtI!}$
And draws.

T. B. GORGIEV

WHITE TO PLAY AND WIN

V-VI Prize
Composing Tourney
1929
A masterpiece of finesse!
Black's defence is subtle, but White forces the win artistically!
$1 \mathrm{P}-\mathrm{B} 5 \mathrm{ch}$
$K \times P$
$2 \mathrm{Kt}-\mathrm{R} 6 \mathrm{ch}$ !
3 P-B7
Kt-Kt4́ch
$4 \mathrm{~B} \times \mathrm{Kt}$
K x B

White cannot Queen the Pawn, as R-B3ch would draw.
5 P-R4ch!
K-Kt3!

A clever defence! If $6 \mathrm{P}-\mathrm{B} 8(\mathrm{Q})$, Black is stalemate, and making a Rook leaves a simple draw position!
But the win is there!
$6 \mathrm{P}-\mathrm{B} 8(\mathrm{~B})$ !
$\mathrm{K}-\mathrm{B} 4$
$7 \mathrm{~B} \times \mathrm{R}$
And wins.

WHITE TO PLAY AND DRAW
"Scbachmatny Listok"
1930
Beautiful and original - but then so are all of Korolikov's ideas!

The second move is a honey !

| 1 | $\mathrm{Kt}-\mathrm{Kt} 3$ | $\mathrm{P}-\mathrm{Q} 6$ |
| :--- | :--- | ---: |
| $2 \mathrm{~B}-\mathrm{K} 55!!$ | $\mathrm{P} \times \mathrm{B}$ |  |
| $3 \mathrm{~K}-\mathrm{R} 6!$ | $\mathrm{P}-\mathrm{B} 8(\mathrm{Q})$ |  |
| $4 \mathrm{Kt} \times \mathrm{Q}$ | $\mathrm{P}-\mathrm{Q} 7$ |  |
| $5 \mathrm{Kt}-\mathrm{Kt} 3$ | $\mathrm{P}-\mathrm{Q} 8(\mathrm{Q})$ |  |
| $6 \mathrm{~B}-\mathrm{B} 2!$ | $\mathrm{Q}-\mathrm{K} t 5$ |  |

Of course if $6 \ldots \mathrm{Q} \times \mathrm{B}$, or $\mathrm{Q}-\mathrm{K} 7$ or $\mathrm{Q}-\mathrm{B} 6$, then $7 \mathrm{Kt}-\mathrm{Q} 4 \mathrm{ch}$ wins the Queen.

$$
7 \text { B-B } 5!
$$

$$
\mathrm{Q}-\mathrm{Q} 8
$$

On $7 \ldots \mathrm{Q}-\mathrm{QR4}$, $8 \mathrm{~B}-\mathrm{Q} 7 \mathrm{ch}, \mathrm{K} \times \mathrm{B}, 9 \mathrm{Kt}-\mathrm{B} 5 \mathrm{ch}$ wins the Queen.

$$
8 \mathrm{~B}-\mathrm{B} 2
$$

And draws by chasing the Queen from Q8 to Kts and back again!

A. S. GUREWITZ

WHITE TO PLAY AND WIN

Pretty maneuvering of minor pieces, involving stalemate, underpromotion and surprise mates!

Quick action is necessary, as Black threatens $\mathrm{P}-\mathrm{R8}(\mathrm{Q})$ as well as $\mathrm{K} \times \mathrm{Kt}$.

$$
1 \mathrm{Kt}(\mathrm{R} 6)-\mathrm{B} 7
$$

Threat: $2 \mathrm{~B}-\mathrm{Kt} 6$ mate.

| 1 | $\ldots$ | $\mathrm{P}-\mathrm{R} 8(\mathrm{Kt}) \mathrm{ch}$ |
| :--- | ---: | ---: |
| $2 \mathrm{~K}-\mathrm{Kt} 2$ | $\mathrm{Kt}-\mathrm{Kt} 6!$ |  |
| $3 \mathrm{~K} \times \mathrm{Kt}$ | $\mathrm{B}-\mathrm{K} 6!$ |  |

Playing for stalemate.
4 B-R2

$$
\mathrm{B}-\mathrm{Kt} 8
$$

$$
\mathrm{B}-\mathrm{K} 6!
$$

White still cannot play $6 \mathrm{~B} \times \mathrm{B}$ but he has a trump card left.
$6 \mathrm{Kt}-\mathrm{Kt} 6!$ and wins
If $6 \ldots \mathrm{~K} \times \mathrm{Kt}, 7 \mathrm{Kt}-\mathrm{Q}$ ch
If $6 \ldots \mathrm{~B} \times \mathrm{B}, 7 \mathrm{Kt}-\mathrm{B} 4$ mate.
If $6 \ldots \mathrm{BxKt}, 7 \mathrm{~B}-\mathrm{Q} 2$ mate.

M. B. NEWMAN

WHITE TO PLAY AND DRAW
"Schachmaty Vestnik" 1914

White attacks with Morphy-like elan to bring about a sparkling finish!
$1 \mathrm{Kt}-\mathrm{B} 6$
On Black's reply $1 \ldots$. $\mathrm{Q} \times \mathrm{P}, 2 \mathrm{P}-\mathrm{K} 4 \mathrm{ch}, \mathrm{K} \times \mathrm{Kt}, 3 \mathrm{~B}-\mathrm{Kts}$ mates.

$$
\begin{array}{ll}
1 \ldots \ldots & \mathrm{~K} \times \mathrm{Kt} \\
2 \mathrm{P}-\mathrm{K} 4 & \ldots \ldots
\end{array}
$$

Still threatening mate!

| $2 \ldots-\mathrm{M}$ | $\mathrm{P}-\mathrm{K} 4!$ |
| :--- | ---: |
| $3 \mathrm{~B}-\mathrm{K}+7 \mathrm{ch}$ | $\mathrm{K}-\mathrm{K} 3$ |
| $4 \mathrm{P}-\mathrm{B} 5 \mathrm{ch}$ | $\mathrm{K} \times \mathrm{P}$ |
| $5 \mathrm{~B}-\mathrm{B} 8 \mathrm{ch}$ | $\mathrm{Q}-\mathrm{K} 2$ |

White could ruin everything now by 6 Bx Qch.
$6 \mathrm{P}-\mathrm{B} 6!\quad \mathrm{Q} \times \mathrm{B}$
Stalemate.
F. M. SIMKOVITSCH

WHITE TO PLAY AND DRAW
"64" 1935


A stalemate from this position in 8 moves seems incredible, as White has 7 mobile pieces on the board.

The solution is as beautiful as it is ingenious.

| 1 | $\mathrm{R}-\mathrm{B} 4$ | $\mathrm{P}-\mathrm{Kt7}$ |
| :--- | :--- | ---: |
| $2 \mathrm{R} \times \mathrm{P}$ | $\mathrm{P} \times \mathrm{R}(\mathrm{Q})$ |  |
| $3 \mathrm{P}-\mathrm{B} 3 \mathrm{ch}$ | $\mathrm{K}-\mathrm{Kt8}$ |  |
| $4 \mathrm{~K}-\mathrm{R} 3$ | $\mathrm{Kt} \times \mathrm{P}$ |  |

White was threatening $5 \mathrm{R}-\mathrm{KKt2}$ mate.
5 R-R2
Black is in a peculiar kind of "zugzwang". The Kt at K6 must stay there to prevent mate, the Queen cannot go to B6 or take the Queen Pawn on account of Kt-K2ch, and if the other Kt moves, then R-R1ch wins the Queen.

| $5 \ldots \ldots$ |  | $\mathrm{P}-\mathrm{B} 4$ |
| :--- | :--- | ---: |
| $6 \mathrm{P}-\mathrm{B} 4!$ |  | $\mathrm{P}-\mathrm{Q} 4$ |
| $7 \mathrm{P}-\mathrm{R} 3!$ |  | $\mathrm{Q} \times \mathrm{RP}$ |
| $8 \mathrm{R}-\mathrm{Kt} 2 \mathrm{ch}$ |  | $\mathrm{Kt} \times \mathrm{R}$ |


A. O. HERBSTMANN

WHITE TO PLAY AND WIN

Fifth Prize-
"Pravdi" 1927
A dramatic struggle culminating in a surprising and beautiful finish!

White cannot play at once $1 \mathrm{P} \times \mathrm{P}$, as $1 \ldots \mathrm{~B}-\mathrm{B} 1 \mathrm{ch}, 2 \mathrm{~K} \times \mathrm{P}$, B-Q3 stops the march of the Pawn. Therefore:
$1 \mathrm{P}-\mathrm{Q} 4 \mathrm{ch}$
$\mathrm{K}-\mathrm{K} 5$

But not $1 \ldots \mathrm{~K}-\mathrm{K} 3,2 \mathrm{~B}-\mathrm{Kt} 4 \mathrm{ch}, \mathrm{P}-\mathrm{B} 4,3 \mathrm{~B} \times$ Pch followed by $4 \mathrm{P} \times \mathrm{P}$, and White wins.
After the move actually played White still cannot win with $2 \mathrm{P} \times \mathrm{P}$, as $2 \ldots$ B x Pch, $3 \mathrm{~K} \times \mathrm{P}, \mathrm{B}-\mathrm{K} 4$ stops the Pawn.

$$
2 \mathrm{~B}-\mathrm{B} 3 \mathrm{ch} \quad \mathrm{~K}-\mathrm{Q} 6
$$

$3 \mathrm{P} \times \mathrm{P}$ is still premature, as $3 \ldots \mathrm{~B} \times \mathrm{Pch}, 4 \mathrm{~K}-\mathrm{Q} 6 \mathrm{P}-\mathrm{B} 3$ ! $5 \mathrm{P}-\mathrm{Kt8}(\mathrm{Q}), \mathrm{B}-\mathrm{K} 4 \mathrm{ch}$ would save Black.

| 3 B-K2ch! | K-K5 |
| :--- | :--- |
| 4 P $\times$ P! | B $\times$ Pch |
| $5 \mathrm{~K}-\mathrm{B} 4!$ | B-K4 |

K Mate!


One would never suspect from the diagram that White could force a win of the Black Queen by getting her on the same diagonal, or on the same file as the King!

$$
1 \mathrm{Q}-\mathrm{Q} 4 \mathrm{ch} \quad \mathrm{~K}-\mathrm{R} 6
$$

On $1 \ldots \mathrm{~K}-\mathrm{R} 4$, White forces the win by $2 \mathrm{Q}-\mathrm{Q} 8 \mathrm{ch}, \mathrm{K}-\mathrm{Kt}$, 3 Q-B8ch, K-R4, 4 P-B7!
$2 \mathrm{Q}-\mathrm{R} 1 \mathrm{ch}$
$3 \mathrm{P}-\mathrm{B} 7!!$
K-Kts
. . . .

Brilliant and unexpected!

| $3 \ldots$ | $Q \times Q$ |
| :--- | ---: |
| $4 \mathrm{P}-\mathrm{B} 8(\mathrm{Q}) \mathrm{ch}$ | $\mathrm{K}-\mathrm{R} 4$ |

If $4 \ldots \mathrm{~K}-\mathrm{B} 6,4 \mathrm{Q}-\mathrm{B} 6 \mathrm{ch}$ and wins the Queen diagonally!
$5 \mathrm{Q}-\mathrm{Q} 8 \mathrm{ch}$ K-Kts
6 Q-Q6ch K-R4
7 P-Kt4ch K-RS
8 QxPch
$K \times P$
9 Qx Q

And wins the Queen vertically!

K. A. L. KUBBEL

White to play and draw

It takes accuracy to force the clever finish. Entertaining, as are all of Kubbel's productions.

$$
\begin{array}{lr}
1 & \mathrm{~B}-\mathrm{B} 2!
\end{array} \quad \mathrm{B} \times \mathrm{Kt},
$$

Or $2 \ldots$ B x P, $3 \mathrm{~K}-\mathrm{B} 3, \mathrm{Kt}-\mathrm{B} 5,4 \mathrm{~B}-\mathrm{Kt} 3$ and draws

| $3 \mathrm{~K}-\mathrm{B} 3$ | $\mathrm{Kt}-\mathrm{K} 8 \mathrm{ch}$ |
| :--- | ---: | ---: |
| $4 \mathrm{~K}-\mathrm{K} 2$ | $\mathrm{Kt}-\mathrm{B} 7$ |
| $5 \mathrm{~K}-\mathrm{Q} 3$ | $\mathrm{Kt}-\mathrm{R} 6$ |

Of course, if $5 \ldots \mathrm{Kt}-\mathrm{R} 8,6 \mathrm{~B}-\mathrm{Q} 4 \mathrm{ch}$, followed by $\mathrm{B} \times \mathrm{Kt}$.

| $6 \mathrm{~B}-\mathrm{Q} 4 \mathrm{ch}$ | $\mathrm{K}-\mathrm{Kt} 3$ |
| :--- | ---: |
| $7 \mathrm{~B}-\mathrm{B} 3$ | $\mathrm{~B}-\mathrm{B} 4$ |
| $8 \mathrm{~B}-\mathrm{Q} 4$ | $\mathrm{~B}-\mathrm{Kt} 5$ |

9 B-B3 and draws by "perpetual check" of the Bishop. Black of course cannot exchange Bishops as the two Knights alone cannot mate.


Two Knights work together harmoniously, hem the Black King in, giving him just enough breathing space to avoid stalemate, let him Queen a Pawn, and then finish him off.
1 R-Q1
K-Kt6

Not 1 . . P-R8 (Q), $2 \mathrm{Kt}-\mathrm{Q} 2 \mathrm{ch}$, followed by $3 \mathrm{R} \times \mathrm{Q}$.

| $2 \mathrm{Kt}-\mathrm{Q} 2 \mathrm{ch}$ | $\mathrm{K}-\mathrm{B} 7$ |
| :--- | :--- | ---: |
| $3 \mathrm{R}-\mathrm{QR} 1$ | $\mathrm{~K}-\mathrm{Kt7}$ |
| $4 \mathrm{Kt}-\mathrm{KB} 4$ | $\mathrm{~K} \times \mathrm{R}$ |

Of course if the Pawns were off the board, White could not win.

| $5 \mathrm{Kt}-\mathrm{Q} 3$ | $\mathrm{P}-\mathrm{Kt4}$ |
| :--- | :---: |
| $6 \mathrm{~K}-\mathrm{Kt4}$ | $\mathrm{P}-\mathrm{Kt} 5$ |
| $7 \mathrm{~K}-\mathrm{B} 3$ | $\mathrm{P}-\mathrm{Kt6}$ |
| $8 \mathrm{~K}-\mathrm{K} 2$ | $\mathrm{P}-\mathrm{Kt7}$ |
| $9 \mathrm{Kt}-\mathrm{Kt} 3 \mathrm{ch}$ | $\mathrm{K}-\mathrm{Kt} 8$ |
| $10 \mathrm{~K}-\mathrm{Q} 1$ | $\ldots .$. |

If $10 \ldots \mathrm{P}-\mathrm{R8}(\mathrm{Kt}), 11 \mathrm{Kt}-\mathrm{Q} 2 \mathrm{ch}, \mathrm{K}-\mathrm{R} 7,12 \mathrm{Kt}-\mathrm{Kt} 4$ mate.

$$
\begin{array}{lr}
10 \mathrm{Kt}-\mathrm{K} t 4! & \mathrm{P}-\mathrm{R} 8(\mathrm{Q}) \\
11 & \mathrm{Q}-\mathrm{R} 7 \\
12 \mathrm{Kt}-\mathrm{Q} 2 \mathrm{ch} & \mathrm{~K}-\mathrm{R} 8 \\
13 \mathrm{Kt}-\mathrm{B} 2 &
\end{array}
$$


A. S. GUREWITZ

WHITE TO PLAY AND WIN

Second Prize-
B. C. F. Towrney

1932

A prize-winning example of checkmate in the middle of the board!

| $1 \mathrm{Kt}-\mathrm{B} 3 \mathrm{ch}$ | $\mathrm{K}-\mathrm{Ks}!$ |
| :--- | ---: |
| $2 \mathrm{Kt}-\mathrm{Ktsch}$ | $\mathrm{K}-\mathrm{K} 4$ |
| $3 \mathrm{Kt} \times \mathrm{Bch}$ | $\mathrm{K}-\mathrm{K} 3$ |
| $4 \mathrm{Kt}-\mathrm{R} 8!$ | $\ldots$ |

And not $4 \mathrm{Kt}-\mathrm{Kt} 5 \mathrm{ch}, \mathrm{K}-\mathrm{K} 2,5 \mathrm{Kt}-\mathrm{QB} 7, \mathrm{~B}-\mathrm{K} 6 \mathrm{ch}$.

| $4 \ldots$ | $\mathrm{~K}-\mathrm{Q}^{2}$ |
| :--- | :--- |
| $5 \mathrm{Kt}-\mathrm{B} 6 \mathrm{ch}$ | $\mathrm{K}-\mathrm{B} 2$ |
| $6 \mathrm{~B}-\mathrm{R} 6!$ | $\ldots$. |

If $6 \mathrm{~B} \times \mathrm{P}, \mathrm{B}-\mathrm{Q} 5,7 \mathrm{Kt}-\mathrm{K} 8 \mathrm{ch}, \mathrm{K}-\mathrm{Q} 1$.

| $6 \ldots$. | B-Q5 |
| :--- | ---: |
| $7 \mathrm{Kt} \times \mathrm{Pch}$ | $\mathrm{K}-\mathrm{Q}^{3}$ |
| $8 \mathrm{Kt}-\mathrm{KKt6!}$ | $\mathrm{~K} \times \mathrm{Kt}$ |
| $9 \mathrm{P}-\mathrm{K} 4 \mathrm{ch}!$ | $\ldots$. |

If Black replies $9 \ldots \mathrm{~K}-\mathrm{K} 3,10 \mathrm{~B}-\mathrm{B} 8 \mathrm{ch}$ wins.

$$
\begin{gathered}
9 \ldots \\
10 \mathrm{~B}-\mathrm{Kt} 7 \\
\\
\\
\end{gathered}
$$



After a startling Queen sacrifice, White plays a quiet and modest King move, and Black is helpless !
1 R-Kt6
$\mathrm{Kt}-\mathrm{B} 3$
2 Q-R6ch
K-B2

If $2 \ldots \mathrm{~K}-\mathrm{K} 1,3 \mathrm{Q}-\mathrm{R} 8 \mathrm{ch}, \mathrm{K}-\mathrm{B} 2,4 \mathrm{R}-\mathrm{Kt7ch}$, followed by 5 QxQ wins.

3 RxKtch
PxR
Or, if $3 \ldots \mathrm{~K}-\mathrm{Kt1}, 4 \mathrm{Q}-\mathrm{Kt} 5 \mathrm{ch}, \mathrm{K}-\mathrm{R} 2,5 \mathrm{R}-\mathrm{R} 6$ mate.

| 4 Q-R7ch | K-K3 |
| :--- | :--- |
| 5 P-B5ch | K-Q3 |
| 6 P-B5ch | K-Q4 |
| 7 Q-Kt8ch!! | $\ldots .$. |

Beautiful and unexpected!

$$
\begin{aligned}
& 7 \ldots \\
& 8 \mathrm{~K}-\mathrm{Q} 3!
\end{aligned}
$$

$Q \times Q$
....
A "quiet" but powerful move!

$$
8 \text {. . . . }
$$

Any


## L. semisashenov

white to play and draw
"Chess in U.S.S.R."

A delightful and picturesque finish is the climax of this fine production!

An interesting feature is the way the Bishops sweep the long diagonals !

$$
1 \mathrm{~B}-\mathrm{Kt} 1
$$

If Black replies $1 \ldots \mathrm{~K} \times \mathrm{B}, 2 \mathrm{~B}-\mathrm{Q} 4, \mathrm{~K}-\mathrm{B} 7,3 \mathrm{~B} \times \mathrm{P}, \mathrm{P} \times \mathrm{B}$ stalemate!

| 1 | $\ldots$ | $\mathrm{P}-\mathrm{R} 7$ |
| :--- | ---: | ---: |
| 2 | $\mathrm{~B}-\mathrm{KR} 7!$ | $\mathrm{P}-\mathrm{Kt8}(\mathrm{Q})$ |
| 3 | $\mathrm{~B}-\mathrm{Q} 4 \mathrm{ch}$ | $\mathrm{Q}-\mathrm{Kt7}$ |
| $4 \mathrm{~B}-\mathrm{R} 8!$ | $\ldots .$. |  |

The Queen cannot stop anywhere along the diagonal, on account of $5 \mathrm{~B} \times \mathrm{Q}$ mate; the Bishop must be captured!
4... $\quad \mathrm{Q} \times \mathrm{B}$

Stalemate!

Mate!
M. B. NEWMAN WHITE TO PLAY AND WIN


With the very first move, Black is tossed on the horns of a dilemma-and kept there!

$$
1 \text { B-Ktsch!! }
$$

If $1 \ldots \mathrm{~K} \times \mathrm{B}, 2 \mathrm{Kt}-\mathrm{Q} 6 \mathrm{ch}$, wins the Queen.
$1 \ldots \mathrm{Kt} \times \mathrm{B}, 2 \mathrm{Kt}-\mathrm{B} 5 \mathrm{ch}, \mathrm{K} \times \mathrm{P}, 3 \mathrm{Kt}-\mathrm{B} 2$ mate.
1 ... Kt x B, $2 \mathrm{Kt}-\mathrm{B} 5 \mathrm{ch}, \mathrm{K}-\mathrm{R} 4,3 \mathrm{Kt}-\mathrm{B} 4$ mate.

| $1 \ldots$. | $\mathrm{Q} \times \mathrm{B}$ |
| :--- | ---: |
| $2 \mathrm{Kt}-\mathrm{B} 3 \mathrm{ch}$ | $\mathrm{K} \times \mathrm{P}$ |
| $3 \mathrm{Kt} \times \mathrm{Qch}$ | $\mathrm{Kt} \times \mathrm{Kt}$ |
| $4 \mathrm{P}-\mathrm{R} 6$ | $\mathrm{Kt}-\mathrm{Q} 3$ |

So that if $5 \mathrm{P}-\mathrm{R} 7, \mathrm{Kt}-\mathrm{B} 2$.
s Kt-B4ch!
Kt $\times$ Kt

A. A. TROITZKY

WHITE TO PLAY AND WIN

500 Endspielstudien 1924

An amusing chase!
The Bishop proves no match for the King in this pretty episode!

$$
1 \mathrm{P}-\mathrm{B} 6 \quad \mathrm{P} \times \mathrm{P}
$$

If Black refuses the Pawn, he loses quickly by $1 \ldots \mathrm{P}-\mathrm{Kt} 3$ (or 4 ), $2 \mathrm{~K}-\mathrm{Kt7}, \mathrm{~B}-\mathrm{Q} 1,3 \mathrm{~B}-\mathrm{Q} 4, \mathrm{~K}-\mathrm{B} 7,4 \mathrm{~K}-\mathrm{B} 8$.

| 2 | $\mathrm{~K}-\mathrm{K} t 7$ | $\mathrm{~B}-\mathrm{Q} 1$ |
| :--- | :--- | :--- |
| 3 | $\mathrm{~K}-\mathrm{B} 8$ | $\mathrm{~B}-\mathrm{K} 2$ |
| $4 \mathrm{~K}-\mathrm{Q} 7$ | $\mathrm{~B}-\mathrm{B} 1$ |  |

Shutting off the Black Bishop's escape, via R3.

| $5 \ldots$ | $\mathrm{~K}-\mathrm{B} 7$ |  |
| :--- | :--- | ---: |
| $6 \mathrm{~K}-\mathrm{K} 8$ |  | $\mathrm{~B}-\mathrm{Kt2}$ |
| $7 \mathrm{~K} \times \mathrm{P}$ |  | $\mathrm{B}-\mathrm{R} 1$ |
| $8 \mathrm{~K}-\mathrm{Kt} 8$ |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

S. M. BIRNOV

WHITE TO PLAY AND WIN
II-III Prize
"64" 1935


Black's Knight and Bishop run around frantically seeking refuge. They find safety, but the White pieces have meanwhile woven an artistic mating net for the King!

| 1 | B-K4 | $\mathrm{P}-\mathrm{B} 4$ |
| :--- | :--- | ---: |
| $2 \mathrm{~B} \times \mathrm{P}$ | $\mathrm{Kt}-\mathrm{RS}$ |  |
| $3 \mathrm{~B}-\mathrm{B} 4 \mathrm{Ch}$ | $\mathrm{K}-\mathrm{B} 6!$ |  |

Best, as $3 \ldots \mathrm{~K}-\mathrm{K} 7$ (or Q8), $4 \mathrm{~B} \times \mathrm{Pch}$, or $3 \ldots \mathrm{~K}-\mathrm{K} 8,4$ $\mathrm{B}-\mathrm{K} \mathrm{t} 3 \mathrm{ch}$.
4 BxP

$$
\mathrm{B}-\mathrm{K}+3
$$

$5 \mathrm{~B}-\mathrm{Kt} 3$
$\mathrm{Kt}-\mathrm{Kt} 7$

If $5 \ldots \mathrm{Kt}-\mathrm{Kt} 3,6 \mathrm{~B}-\mathrm{B} 5, \mathrm{Kt}-\mathrm{B} 1,7 \mathrm{~B}-\mathrm{Q} 6$ wins the Knight.
$6 \mathrm{~B}-\mathrm{B} 3$
$7 \mathrm{~K}-\mathrm{Kt}$ !
8 B-K1ch
$\mathrm{Kt}-\mathrm{K} 6$
$\mathrm{~B}-\mathrm{Q} 5$
$\mathrm{~K}-\mathrm{Q} 6$

A. Kowalenko

WHITE TO PLAY AND DRAW
"Schachmatny Listok"
1927
Beautiful ideas may be concealed in the simplest looking positions!

For instance, would you suspect a stalemate lurking in this one?

| 1 | $\mathrm{~K}-\mathrm{B} 6$ | $\mathrm{~K}-\mathrm{Kt5}$ |
| :--- | :--- | ---: |
| $2 \mathrm{~K}-\mathrm{Q} 5$ | $\mathrm{~K}-\mathrm{B} 6$ |  |
| $3 \mathrm{~K}-\mathrm{K} 5$ | $\mathrm{P}-\mathrm{K} 6$ |  |
| $4 \mathrm{~K} \times \mathrm{P}(\mathrm{B} 4)!$ | $\mathrm{P} \times \mathrm{P}$ |  |
| $5 \mathrm{~K}-\mathrm{K} 3$ | $\mathrm{P}-\mathrm{B} 8(\mathrm{~B})$ |  |

Of course if $5 \ldots \mathrm{P}-\mathrm{B} 8$ (Q or R$)$, White is stalemate!
6 K -B4 B-R6
7 P-K4!
Drawn, as Black must lose his last Pawn.

Mate.


If the pin doesn't work on one diagonal, why move everything over to another diagonal!
1 P-B5ch
Q $\times P$
If $1 \ldots \mathrm{~K} \times \mathrm{P}, 2 \mathrm{Kt}-\mathrm{K} 4 \mathrm{ch}$, wins the Queen.

$$
2 \mathrm{Kt}-\mathrm{R} 4 \mathrm{ch} \quad \mathrm{P} \times \mathrm{Kt}
$$

Of course forced.

$$
3 \text { B-K3 }
$$

So that, if $3 \ldots \mathrm{Q} \times \mathrm{B}, 4 \mathrm{Kt}-\mathrm{B} 4 \mathrm{ch}$, followed by $5 \mathrm{Kt} \times \mathrm{Q}$.
But even though the Queen is pinned, Black has a pretty defence!

$$
3 \ldots \quad \text { K-R4! }
$$

Now, if 4 BxQ , Black is stalemate!

| $4 \mathrm{P}-\mathrm{K} t 4 c h!$ | QxP |
| :--- | :--- |
| $5 \mathrm{~B}-\mathrm{Q} 2$ | $\ldots \ldots$ |

This time the pin works!

$$
\begin{array}{lr}
5 \ldots \mathrm{Kt}-\mathrm{B} 4 \mathrm{ch} & \mathrm{QxB} \\
\mathrm{~K}-\mathrm{Kts}
\end{array}
$$


F. Lazard

WHITE TO PLAY AND DRAW

## "Ceskoslovensky Sach"

1930
White, two Pawns behind, either forces a break through, or effects a skillful and unexpected draw! Black finishes up eight passed Pawns ahead!!

$$
1 \text { P-RS }
$$

Threatens $2 \mathrm{P}-\mathrm{KR} 6, \mathrm{P} \times \mathrm{RP}, 3 \mathrm{P} \times \mathrm{RP}$ winning!

$$
\begin{array}{lr}
1 \ldots \ldots & P \times R P \\
2 \mathrm{P}-\mathrm{KKt} 6 & \mathrm{P} \times \mathrm{KtP}
\end{array}
$$

If Black plays $2 \ldots$. P-B3, 3 P-K6! leads to the same conclusion as actually follows.

$$
\begin{array}{lc}
3 \mathrm{P}-\mathrm{K} 6 & \mathrm{P} \times \mathrm{P} \\
4 \mathrm{P}-\mathrm{B} 5! & \cdots \cdot
\end{array}
$$

Threatens $5 \mathrm{P}-\mathrm{B} 6$ winning.



The Knight gallops all over the board to the utter confusion of the Black Rook and to the enjoyment of the spectators!

$$
1 \mathrm{P}-\mathrm{K}+6
$$

Should Black try to stop the passed Pawn by 1 . . R-K7, then $2 \mathrm{Kt}-\mathrm{Q} 3$ ! and the Rook is helpless!

$$
\begin{array}{ll}
1 \\
2 & \mathrm{~K} \dot{\mathrm{t}} \dot{\mathrm{~K}} \mathrm{t} 3
\end{array} \quad \mathrm{R}-\mathrm{K} 88
$$

Best! If 2 . . R-QKt8, $3 \mathrm{Kt}-\mathrm{Q} 2 \mathrm{ch}$ wins. Or, if $2 \ldots \mathrm{R}-\mathrm{K} 6$, $3 \mathrm{Kt}-\mathrm{Q} 2 \mathrm{ch}$, followed by $4 \mathrm{P}-\mathrm{Kt7}$. If $2 \ldots \mathrm{R}-\mathrm{K} 4,3 \mathrm{Kt}-\mathrm{Q} 4 \mathrm{ch}$ wins.


Threatening $7 \mathrm{Kt}-\mathrm{Q} 8$. If $6 \ldots \mathrm{P}-\mathrm{R} 4,7 \mathrm{Kt}-\mathrm{Q} 8, \mathrm{R}-\mathrm{R} 2 \mathrm{ch}$, $8 \mathrm{Kt}-\mathrm{B} 7$ and the Rook cannot return to R1.

| $6 \times 1$ | $\mathrm{R}-\mathrm{KKt1}$ |  |
| ---: | :--- | ---: |
| $7 \mathrm{Kt}-\mathrm{Q} 8$ | $\mathrm{R}-\mathrm{Kt2ch}$ |  |
| $8 \mathrm{Kt}-\mathrm{B} 7$ | $\mathrm{R}-\mathrm{Kt1}$ |  |
| $9 \mathrm{Kt}-\mathrm{R} 6 \mathrm{ch}$ |  | K moves |
| $10 \mathrm{Kt} \times \mathrm{R}$ |  |  |

And wins.


White's task looks impossible, as the Bishop Pawn is pinned, and the White King seems to be too exposed for any stalemate ideas.

The remarkable draw is a sample of Libiurkin's magic.

$$
1 \mathrm{P}-\mathrm{K} 5
$$

Threatening $2 \mathrm{P}-\mathrm{Bs}(\mathrm{Q})$, as well as $2 \mathrm{~B}-\mathrm{Q}$ sch, winning the Queen.

$$
1 \ldots \quad \text { Kt x P }
$$

Now, if $2 \mathrm{~B}-\mathrm{Q} 5 \mathrm{ch}, \mathrm{Kt}-\mathrm{B} 3$ and White is lost.

$$
2 \mathrm{P}-\mathrm{B} 8(\mathrm{Q}) \quad \mathrm{Kt}-\mathrm{B} 5 \mathrm{ch}
$$

The position is highly critical. If $3 \mathrm{~K}-\mathrm{R} 7, \mathrm{Q}-\mathrm{Kt8ch}$, and Black either wins the Queen by a Knight check or mates.

| 3 | $\mathrm{~K}-\mathrm{R} 8!$ | $\mathrm{Kt}-\mathrm{Kt} 3 \mathrm{ch}$ |
| :--- | :--- | ---: |
| $4 \mathrm{~K}-\mathrm{K} 77$ | $\mathrm{Kt} \times \mathrm{Q}$ |  |
| $5 \mathrm{~B}-\mathrm{Q} 5 \mathrm{ch}$ | $\mathrm{K}-\mathrm{K} t 8$ |  |

White could win the Queen now, but lose the game!
If $6 \mathrm{BxQ}, \mathrm{Kt}-\mathrm{Q} 3 \mathrm{ch}, 7 \mathrm{~K}-\mathrm{B} 6, \mathrm{~K} \times \mathrm{B}$ and Black wins.

$$
6 \mathrm{~K} \times \mathrm{Kt}!
$$

. . . .
Now Black is in a fine mess! To stop $7 \mathrm{~B} \times \mathrm{Q}$, he must play-

$$
6 \ldots \quad Q \times B
$$



Pretty play by White, including a Queen sacrifice and under-promotion!
1 Q-RGch
$2 \mathrm{Kt}-\mathrm{Ksch}$
K - B 2

PxKt by 3
Quick mate foll
4 Q-Kt8 mate.

| 2 | K-K3 |
| :---: | :---: |
| $3 \mathrm{P}-\mathrm{Q} 7$ | K-K2 |
| 4 Q-B8ch! | $K \times Q$ |
| 5 Kt -Kt6ch | K-B2 |
| $6 \mathrm{P}-\mathrm{Q} 8$ (Kt) |  |
|  |  |


S. M. KAMINER
white to play and wis

Second Prize-
"Truda" 1935
Sparkling play by both Black and White!
One would hardly suspect from the diagram that the humble Knight at Kt1 is an important actor in the proceedings!

## 1 P-R7

B-R4!
The idea is, if White moves $2 \mathrm{P}-\mathrm{R} 8(\mathrm{Q})$ then $2 \ldots \mathrm{~B} \times \mathrm{Ktch}$, $3 \mathrm{~K}-\mathrm{R} 1$, B-K2, followed by $4 \ldots \mathrm{~B}-\mathrm{B} 3 \mathrm{ch}$, either winning the Queen or mating!

| $2 \mathrm{Kt}-\mathrm{B} 4!!$ | $\mathrm{P} \times \mathrm{Kt}$ |
| :--- | ---: |
| $3 \mathrm{P}-\mathrm{R} 8(\mathrm{Q})$ | $\mathrm{B}-\mathrm{Kt} 3 \mathrm{ch}$ |
| $4 \mathrm{~K}-\mathrm{R} 1$ | $\mathrm{~B}-\mathrm{K} 2$ |

Now how does White get out?

| $5 \mathrm{Kt}-\mathrm{B} 3!$ | B-B3ch |
| :--- | ---: |
| $6 \mathrm{Kt}-\mathrm{K} 5 \mathrm{ch}$ | $\mathrm{K}-\mathrm{K} 2$ |
| $7 \mathrm{Q}-\mathrm{R} 4!!$ | $\cdots$. |

A beautiful pin!

$$
\begin{array}{lrr}
7 \ldots & \text { B x Q } \\
8 \mathrm{Kt} \times \mathrm{Bch} & & \mathrm{~K}-\mathrm{B} 3 \\
9 \mathrm{Kt} \times \mathrm{B} & & \\
& \text { And wins. } &
\end{array}
$$



The modern composer is not content with a single pretty idea.

He does it in triplicate!
It is clear that White must try to capture one of Black's minor pieces to draw. He begins therefore:

| 1 | Q-K8ch | $K-R 2$ |
| :--- | ---: | ---: |
| 2 Q-K7ch | $K \times P$ |  |
| 3 QxB | $K t-B 6 c h$ |  |
| 4 K-R1! | $\ldots$. |  |

So that if $4 \ldots \mathrm{Q} \times \mathrm{Q}$ stalemate. Had White played $4 \mathrm{~K}-\mathrm{R} 3$, Black would win by $4 \ldots \mathrm{Kt}-\mathrm{Kt} 4$ (dble) ch, followed by $5 . .$. Qx Q .

$$
\begin{aligned}
& 4 \ldots \\
& 5 \mathrm{~K}-\mathrm{K}+2 \\
& 6 \mathrm{~K}-\mathrm{R} 3
\end{aligned}
$$

$$
\begin{aligned}
& \text { Q-K8ch } \\
& \text { Q-Kt8ch }
\end{aligned}
$$

. . . .

Again, if $6 \ldots \mathrm{Q} \times \mathrm{Q}$, stalemate.

| $6 \ldots-\mathrm{Q}$ | $\mathrm{Q}-\mathrm{R} 7 \mathrm{ch}$ |
| :--- | ---: |
| $7 \mathrm{~K}-\mathrm{Kt4}$ | $\mathrm{Q}-\mathrm{Kt7ch}$ |
| $8 \mathrm{~K}-\mathrm{Rs}$ | $\mathrm{Q} \times \mathrm{Q}$ |

Stalemate.


A neat setting for a pretty idea! The third move is the "knockout" blow !

$$
1 \mathrm{~B}-\mathrm{K} 5
$$

Black cannot avoid the exchange of Bishops, as $1 .$. R-R8, $2 \mathrm{~B} \times \mathrm{B}, \mathrm{R} \times \mathrm{B}, 3 \mathrm{P}-\mathrm{Kt} 7, \mathrm{R}-\mathrm{KKt8}, 4 \mathrm{R}-\mathrm{K} 5$ mate would be the result.

| $1 . \ldots$ | B $\times$ Bch |
| :--- | ---: |
| $2 \mathrm{R} \times$ Bch | $\mathrm{K}-\mathrm{B} 1$ |
| $3 \mathrm{R}-\mathrm{K} 8 \mathrm{ch}!!$ | $\ldots .$. |

A sacrifice which must be accepted, as $3 \ldots \mathrm{~K}-\mathrm{Kt2}, 4 \mathrm{P}-\mathrm{B} 6 \mathrm{ch}$, wins the Rook.

| 3 | $\ldots$ | $\mathrm{~K} \times \mathbf{R}$ |
| :--- | :--- | ---: |
| 4 | $\mathrm{P}-\mathrm{Kt7}$ | $\mathrm{R}-\mathrm{Kt1}$ |
| 5 | $\mathrm{P}-\mathrm{B} 6$ | $\mathrm{R}-\mathrm{B} 1$ |
| 6 | $\mathrm{P} \times \mathrm{R}(\mathrm{Q}) \mathrm{ch}$ | $\mathrm{K} \times \mathrm{Q}$ |
| 7 | $\mathrm{~K}-\mathrm{Q} 7$ | $\mathrm{~K}-\mathrm{Kt1}$ |
| 8 | $\mathrm{~K}-\mathrm{K} 7$ |  |
|  |  |  |
|  |  |  |
|  |  |  |



An artistic ending, featuring some clever fencing by the Queen and Knight, with honors even, until the KRP, apparently a spectator, decides to join the fray!
$1 \mathrm{P}-\mathrm{R} 7$
$2 \mathrm{P}-\mathrm{B} 7$

Q-R5
Q-R6
The only square from which the Queen can stop both Pawns!

$$
3 \mathrm{Kt}-\mathrm{Kt} 4!
$$

To cut the lines of communication.

| $3 \ldots$ | $\mathrm{Q} \times \mathrm{P}(\mathrm{B} 6)!$ |
| :--- | ---: |
| $4 \mathrm{Kt}-\mathrm{Q} 5!$ | $\mathrm{Q}-\mathrm{R} 6!$ |
| $5 \mathrm{Kt}-\mathrm{K} 7!$ | $\mathrm{Q}-\mathrm{KB} 6!$ |
| $6 \mathrm{Kt}-\mathrm{Kt} 6 \mathrm{ch}!$ | $\mathrm{P} \times \mathrm{Kt}$ |
| $7 \mathrm{P} \times \mathrm{P}$ |  |

And wins, as Black is helpless against all the threats!


A strange finish! Black with thirty-five possible moves on the board, cannot release White from his stalemate position!

$$
\begin{array}{ll}
1 \mathrm{P}-\mathrm{R} 8(\mathrm{Q}) \mathrm{ch} & \mathrm{~K} \times \mathrm{Q} \\
2 \mathrm{~K}-\mathrm{B} 8 & \cdots
\end{array}
$$

Threatens 3 Kt - B 7 mate. Black cannot win by capturing the Knight as the continuation would be $2 \ldots \mathrm{R} \times \mathrm{Kt}, 3 \mathrm{P}$ - Kt 7 ch , $\mathrm{K}-\mathrm{R} 2,4 \mathrm{P}-\mathrm{Kt8}(\mathrm{Q})$ ch, $\mathrm{K}-\mathrm{R} 3,5 \mathrm{~B} \times \mathrm{R}, \mathrm{Q} \times \mathrm{B}, 6 \mathrm{Q}-\mathrm{K} 6 \mathrm{ch}$, Qx Q , stalemate!

| $2 \ldots$ | $\mathrm{~B}-\mathrm{Q} 4$ |  |
| :--- | ---: | ---: |
| $3 \mathrm{Kt}-\mathrm{B} 7 \mathrm{ch}!$ | $\mathrm{B} \times \mathrm{Kt}$ |  |
| $4 \mathrm{~B}-\mathrm{Ksch}!$ | $\mathrm{R} \times \mathrm{B}$ |  |
| $5 \mathrm{P} \times \mathrm{B}!$ |  | Any |

L. A. KAYEV

WHITE TO PLAY AND WIN
"Chess in U.S.S.R."
1934
The features of this pretty ending are, the actual fine forcing moves of White, as well as the clever stalemate possibility if White chooses the wrong continuation!

$$
1 \mathrm{~K}-\mathrm{B} 8
$$

. . . .
Threatening $2 \mathrm{~B}-\mathrm{Kt}$, followed by $3 \mathrm{~B}-\mathrm{Kt2}$ mate.
1....

$$
\mathrm{K}-\mathrm{R} 2
$$

$$
\mathrm{Kt} \times \mathrm{Kt}
$$

Forced, as otherwise 3 B-Kt8ch wins!

$$
3 \mathrm{~B}-\mathrm{B} 2 \mathrm{ch} \quad \mathrm{Kt}-\mathrm{Kt} 3 \mathrm{ch}!
$$

Of course best, as $3 \ldots \mathrm{~K}-\mathrm{R} 1,4 \mathrm{~B}-\mathrm{Kt} 2$ wins.
$4 \mathrm{~K}-\mathrm{B} 7$
B-R4
Now White has to be careful! If, for instance, ${ }^{5} \mathrm{~B}-\mathrm{Q} 2$, $\mathrm{K}-\mathrm{R} 1,6 \mathrm{~B}-\mathrm{B} 3 \mathrm{ch}, \mathrm{Kt}-\mathrm{K} 4$ (dble)ch, $7 \mathrm{~K}-\mathrm{B} 8, \mathrm{~B}-\mathrm{Kt} 3!!8$ $\mathrm{B} \times \mathrm{B}$, stalemate (or, if $8 \mathrm{~B} \times \mathrm{Ktch}, \mathrm{K}-\mathrm{R} 2$ draws).

| 5 B-Kts!! | $\mathrm{K}-\mathrm{R} 1$ |
| :--- | ---: |
| 6 B--B6ch | $\mathrm{K}-\mathrm{R} 2$ |
| 7 B-Kt7 | B moves |

Mate.

60


Five powerful moves give Black no choice, and bring about an entertaining conclusion:

$$
\begin{array}{lrr}
1 & \mathrm{Kt}-\mathrm{B} s \mathrm{ch} & \mathrm{KxP} \\
2 & \text { B-K8ch } & \mathrm{K}-\mathrm{Kts} \\
3 & \mathrm{Kt}-\mathrm{K} 3 \mathrm{ch} & \ldots . .
\end{array}
$$

The Knight must be captured, as the Queen is attacked.
$3 \ldots$
BxKt
And of course, the Bishop, too!

| $4 . \mathrm{K} \times \mathrm{B}$ |  |
| :--- | :--- |
| $5 \mathrm{R} \times \mathrm{Pch}!$ | $\ldots$ |

And now the Rook!
5....

QxR
Stalemate.

G. M, KASPARYAN

WHITE TO PLAY AND DRAW
"Chess in U.S.S.R."
1937
One of those hard to believe, but true finishes!
Black Queens a Pawn on a wide open board; White still has three Pawns to move before he can stalemate himself-and yet Black cannot prevent the three moves!

| $1 \mathrm{~K}-\mathrm{Q} 7$ | P-R4 |
| :--- | :--- | :--- |
| $2 \mathrm{~K}-\mathrm{B} 7$ | P-R5 |
| $3 \mathrm{~K}-\mathrm{K}+6$ | $\mathrm{P}-\mathrm{R} 6$ |
| $4 \mathrm{~K}-\mathrm{Rs}$ | $\ldots$. |

If Black tries $4 \ldots \mathrm{P}-\mathrm{K} t 3 \mathrm{ch}$, White draws by $5 \mathrm{~K}-\mathrm{R} 4, \mathrm{P}-\mathrm{R} 7$, 6 P-R3, P-R8(Q), 7 P-Kt3, Any, Stalemate!

| 4 | $\ldots$ | $\mathrm{P}-\mathrm{R} 7$ |
| :--- | :--- | ---: |
| 5 | $\mathrm{P}-\mathrm{K} t 6$ | $\mathrm{P}-\mathrm{R} 8(\mathrm{Q})$ |
| 6 | $\mathrm{P}-\mathrm{Kts}$ | $\mathrm{Q}-\mathrm{QK}+8$ |
| 7 | $\mathrm{P}-\mathrm{R} 4$ | Any |
| 8 | $\mathrm{P}-\mathrm{Kt4}$ | Any |

Stalemate

F. J. PROKOP

WHITE TO PLAY AND DRAW
"Caropis Ceskosl. Sachistu" 1924

Stalemate on three different squares!
In order to accomplish this, the Queen must be prepared to sacrifice herself in three different ways!

$$
\begin{array}{lc}
1 \mathrm{Q} \times \mathrm{P}(\mathrm{~K} t 2) & \mathrm{P}-\mathrm{K} 7 \mathrm{ch} \\
2 \mathrm{~K}-\mathrm{K} t 8 & \ldots .
\end{array}
$$

If Black tries $2 \ldots \mathrm{P}-\mathrm{K} 8(\mathrm{Q})$, then $3 \mathrm{Q}-\mathrm{B} 3$ ch!, $\mathrm{Q} \times \mathrm{Q}$ stalemate!
$2 \ldots$
$3 \mathrm{~K}-\mathrm{B} 8$
B-R7ch
. . . .
Now, if $3 \ldots \mathrm{P}-\mathrm{K} 8(\mathrm{Q})$,

| $3 \ldots \mathrm{~B}-\mathrm{B4ch}$ |  |
| :--- | ---: |
| $4 \mathrm{~K}-\mathrm{Q} 8$ | $\mathrm{P}-\mathrm{K} 8(\mathrm{Q})$ |
| $5 \mathrm{Q} \times$ Pch! | $\mathrm{K} \times \mathrm{Q}$ |

Stalemate.

Black is in "zugzwang." If he could stay on without moving it would be fine-but he must do something. So-


Mate.


This beautiful example of "Domination" rightfully won first prize in an end-game competition!

$$
1 \mathrm{~K}-\mathrm{K} t 2
$$

. . .
Not at once $1 \mathrm{R} \times \mathrm{B}$ on account of $1 \ldots \mathrm{Kt}$ Q7ch, followed by $2 \ldots \mathrm{Kt} \times \mathrm{R}$.

| $1 . .$. | B-Q6 |
| :---: | :---: |
| $2 \mathrm{R}-\mathrm{Q} 1$ | Kt-B7! |
| $3 \mathrm{~K} \times \mathrm{Kt}$ | B-R2ch! |
| $4 \mathrm{~K}-\mathrm{K} 1$ ! | $\mathrm{B} \times \mathrm{B}$ |
| $5 \mathrm{R}-\mathrm{Q} 7$ | B-Kt1! |
| 6 RxP | K-R3! |
| $7 \mathrm{R} \times$ Bch | K-R2 |
| 8 R-K6 |  |

Threatening to protect the Knight by $9 \mathrm{R}-\mathrm{K} 8$.

$$
\begin{array}{rr}
8 \ldots & \text { B-Kt6ch } \\
9 \mathrm{~K}-\mathrm{K} 2! & \mathrm{K} \times \mathrm{Kt} \\
10 \mathrm{~K}-\mathrm{B} 3! &
\end{array}
$$

And wins as "Domination" is complete! The Bishop hasn't a safe place on the board! For instance, if $10 \ldots$ B-B2, $11 \mathrm{R}-\mathrm{K} 8 \mathrm{ch}$, $\mathrm{K}-\mathrm{Kt} 2,12 \mathrm{R}-\mathrm{K} 7 \mathrm{ch}$, and the Bishop comes off.


F, LAZARD
WHITE TO PLAY AND DRAW
"L'Italia Scacchistica"
1926
Black has a terrible threat, 1 . . P P R (Q), which White cannot prevent!

And yet White is able to force a draw with the aid of the Knight away over on Rook eight!
$1 \mathrm{~B}-\mathrm{B} 5$
Threatening $2 \mathrm{P}-\mathrm{K}$ t3 mate.

$$
\begin{array}{lc}
1 \ldots \times \mathrm{B} & \mathrm{~B} \times \mathrm{Bch} \\
2 \mathrm{~K} \times \mathrm{B} & \ldots
\end{array}
$$

Now the threat is $3 \mathrm{Kt}-\mathrm{K} t 6$ mate.
$2 \ldots$

$$
\mathrm{P}-\mathrm{K} 3 \mathrm{ch}
$$

$3 \mathrm{~K} \times \mathrm{P}$

$$
P \times R(Q)
$$

Now how does White save the game with only a Knight against the Queen?

| $4 \mathrm{Kt}-\mathrm{Kt} 6 \mathrm{ch}$ | $\mathrm{K}-\mathrm{Kts}$ |
| :--- | ---: |
| $5 \mathrm{Kt}-\mathrm{K} 5 \mathrm{ch}$ | $\mathrm{K}-\mathrm{B} 5$ |
| $6 \mathrm{Kt}-\mathrm{Q} 3 \mathrm{ch}$ | $\mathrm{K}-\mathrm{K} 5$ |
| $7 \mathrm{Kt}-\mathrm{Bsch}$ | $\ldots .$. |

The Black King cannot go to Q5 as $8 \mathrm{Kt}-\mathrm{Kt3} 3 \mathrm{ch}$, wins the Queen!

| $7 \ldots$ | $\mathrm{~K}-\mathrm{B} 5$ |
| :--- | ---: |
| $8 \mathrm{Kt}-\mathrm{Q} 3 \mathrm{ch}$ | $\mathrm{K}-\mathrm{Kts}$ |
| 9 Kt -K5ch | Drawn by perpetual check! |


A. P. GULAYEV

WHITE TO PLAY AND WIN
"Chess in U.S.S.R."
1940
White's fourth move is brilliant! And the fifth move ties up the enemy! Black, a Queen ahead, is helpless!
$1 \mathrm{P}-\mathrm{Kt} 7$
$\mathrm{P}-\mathrm{B7}$

The tempting $2 \mathrm{P} \times \mathrm{R}(\mathrm{Q}) \mathrm{ch}$, doesn't win as after $2 \ldots \mathrm{~K} \times \mathrm{Q}$, White cannot move $3 \mathrm{~K}-\mathrm{B} 7$ since Black Queens with check!
2 B-K7!
P-B8(Q)
. . . .

Threatens $4 \mathrm{P} \times \mathrm{R}(\mathrm{Q})$ mate, and forces Black's reply.
$3 .$.
$Q \times B$

Now what? $4 \mathrm{P} \times \mathrm{Q}$ would leave Black stalemate.
$4 \mathrm{PxR}(\mathrm{Q}) \mathrm{ch}$ !
$Q \times Q$
$5 \mathrm{P}-\mathrm{Q} 4$ !
And wins.


White gives up his passed Pawn, but forces Black into a mating net!
1 R-B2
B-BS
2 P-R6!
. . . .

A fine sacrifice!
3 R-R2ch
Bx $P$
4 K-R7
$\mathrm{K}-\mathrm{K} t 4$

The Bishop must flee!
5 R-Kt2ch
$\mathrm{B}-\mathrm{B} 1$
$\mathrm{~K}-\mathrm{B} 3$

Against any other King move, White plays $6 \mathrm{R}-\mathrm{K} t 8$, and wins a Bishop.
$6 \mathrm{R}-\mathrm{K} \mathrm{t} 8$
K -Q2
Now the Bishop is protected. Or, is it?
7 RxB !
$\mathrm{K} \times \mathrm{R}$

I. V. ZHEK

White to play and win
"Chess in U.S.S.R."
1938
Fine combination play seemingly directed at winning Black's Queen, with a surprisingly unexpected climax!
1 P-R8(Q)
Qx Q
2 Q-B1ch
....

If $2 \ldots \mathrm{~K}-\mathrm{Kt} 3,3 \mathrm{Q}-\mathrm{Kt1ch}, \mathrm{~K}-\mathrm{R} 3,4 \mathrm{Q}-\mathrm{R} 2 \mathrm{ch}, \mathrm{K}-\mathrm{Kt} 2$, 5 Q-Kt3ch, K-R3, 6 Q-R4ch, K-Kt2, 7 Q-Ktsch, K-R2, $8 \mathrm{~K}-\mathrm{B} 7$ ! and quick mate follows.

| $2 \ldots$. | P-BS |
| :--- | :---: |
| 3 Q-Kt1ch | K-B4 |
| 4 Q-Kt4ch | K-K4 |
| 5 Q-Ktsch | K-Qs |
| 6 Q-Kt1ch | $\ldots$. |

To which Black dare not reply $6 \ldots \mathrm{~K}-\mathrm{B} 6$, as $7 \mathrm{Q}-\mathrm{R} 1$ ch, wins the Queen.
$6 \ldots$
K-K4
7 Q-R1ch
P-QS

Saves the Queen. But-
8 Q x RP
Mate!


The White King goes 'round and 'round! Wherever he stops he threatens a Queen sacrifice and stalemate!
"Sheer magic"-is this merry-go-round of stalemates!

| $1 \mathrm{Kt}-\mathrm{B} 8 \mathrm{ch}$ | $\mathrm{K}-\mathrm{R} 1$ |
| :--- | :--- | :--- |
| $2 \mathrm{Kt}-\mathrm{Kt} \mathrm{tch}$ | $\mathrm{Q} \times \mathrm{Kt}$ |
| $3 \mathrm{P}-\mathrm{B} 8(\mathrm{Q}) \mathrm{ch}$ | $\mathrm{K}-\mathrm{R} 2$ |
| $4 \mathrm{~B}-\mathrm{Kt1}!$ | $\ldots .$. |

If Black plays $4 \ldots \mathrm{Q} \times \mathrm{B}, 5 \mathrm{Q}-\mathrm{B} 5 \mathrm{ch}!\mathrm{Q} \times \mathrm{Q}$, stalemate!

$$
\begin{array}{lr}
4 \ldots & \mathrm{~B}-\mathrm{B} 6 \mathrm{ch} \\
5 \mathrm{~K}-\mathrm{K} 3! & \ldots
\end{array}
$$

Again, after $5 \ldots \mathrm{Q} \times \mathrm{B}, 6 \mathrm{Q}-\mathrm{B} 5 \mathrm{ch}!\mathrm{Q} \times \mathrm{Q}$, stalemate!

$$
\begin{aligned}
& 5 \ldots \\
& 6 \mathrm{~K}-\mathrm{Q} 2!\quad \mathrm{B}-\mathrm{Q} 5 \mathrm{ch}
\end{aligned}
$$

Now, if $6 \ldots \mathrm{QxB}, 7$ Q-R8ch, K-R2, 8 Q-R7ch! Kx Q stalemate!

$$
\begin{array}{lr}
6 \ldots \ldots & B-K 6 c h \\
7 \mathrm{~K}-\mathrm{B} 3! & \mathrm{Q} \times \mathrm{B}
\end{array}
$$

Refusing the Bishop would mean continuing the merry-go-round! 8 Qx Pch!

$$
K \times Q
$$

Stalemate!

L. A. KAYEV

WHITE TO PLAY AND DRAW

Skillful and adroit combination play on both sides features this interesting ending!
$1 \mathrm{Kt}-\mathrm{Kt} 7 \mathrm{ch}$
K-B1
2 R-B2
. . .

Pins the Queen, but Black has a resource.

$$
2 \ldots \quad B-Q 8 c h!
$$

To which White cannot reply $3 \mathrm{~K}-\mathrm{K} 3$, as $3 \ldots$. . B-Kt3ch would be fatal.
3 K-K1
B-B6
$4 \mathrm{R} \times$ B!

QxR
$4 \ldots$
$5 \mathrm{Kt}-\mathrm{K} 6 \mathrm{ch}$
-•••
If $5 \ldots \mathrm{~K}-\mathrm{K} 1,6 \mathrm{Kt}-\mathrm{Kt7ch}, \mathrm{~K}-\mathrm{B} 1,7 \mathrm{Kt}-\mathrm{K} 6 \mathrm{ch}$, etc.

| $5 \ldots$ | $\mathrm{~K}-\mathrm{Kt1}$ |  |
| :--- | ---: | ---: |
| $6 \mathrm{R}-\mathrm{Kt7ch}$ | $\mathrm{~K}-\mathrm{R} 1$ |  |
| $7 \mathrm{R}-\mathrm{R} 7 \mathrm{ch}!$ | $\mathrm{K} \times \mathrm{R}$ |  |
| $8 \mathrm{Kt}-\mathrm{Kt} 5 \mathrm{ch}!$ | $\mathrm{B} \times \mathrm{Kt}$ |  |
| Stalemate! |  |  |


A. A. SAFONOV

WHITE TO PLAY AND WIN


Wherein the White Queen shows that she can handle the situation all by herself!

$$
1 \mathrm{~B}-\mathrm{B} 3
$$

Black must capture this Bishop, as otherwise, say 1 . . Q-K4, $2 \mathrm{Q} \times \mathrm{Bch}$, and White is a piece ahead.

| $1 \ldots$. | QxB |
| :--- | ---: |
| 2 Q-B7ch | $K-K 5$ |
| 3 Q-K8ch | $\ldots .$. |

Black cannot play 3 . . K-Q4, as 4 Q-R8ch follows and the Black Queen is lost.

| 3 —. . |  | K-B4 |
| :--- | :--- | ---: |
| 4 Q-B8ch! |  | K-K5 |
| 5 Q-R8ch |  | P-Q4 |
| 6 Q-K8ch |  | K-B4 |
| 7 Q-B7ch |  | K-K5 |
| 8 Q-K6 |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Accuracy in timing is the theme of this ending! White's clever moves to draw are far from obvious!

$$
1 \mathrm{P}-\mathrm{Kt} 6
$$

Threat: 2 R-R8 mate.

$$
\begin{array}{lr}
1 \text { Ki-K } 5 & \mathbf{K}-\mathbf{B} 1 \\
2 \text { Ki }
\end{array}
$$

threat.

$$
\text { Kt } \dot{x} \dot{\mathrm{P}} \quad \mathrm{Kt}-\mathrm{K}-\mathrm{Q} 7 \mathrm{Ch}!
$$

To get rid of the White Knight, which stops the Pawn from Queening.

$$
4 K \times P!
$$

Brilliant and unexpected!

| 4 .. | Kt x Ktch |
| :--- | ---: |
| 5 K-Q6 | $\mathrm{P}-\mathrm{K} 8(\mathrm{Q})$ |
| $6 \mathrm{R}-\mathrm{R} 8 \mathrm{ch}$ | $\mathrm{Q}-\mathrm{K} 1$ |

Now is the time to be wary! If $7 \mathrm{R} \times \mathrm{Qch}, \mathrm{K} \times \mathrm{R}, 8 \mathrm{~K}-\mathrm{B} 7$, Kt-B4, $9 \mathrm{~K}-\mathrm{Q} 6, \mathrm{Kt}-\mathrm{Kt} 6,10 \mathrm{~K}-\mathrm{B} 7$, Kt-R4 and Black wins!

$$
7 \mathrm{R}-\mathrm{K}+8!!
$$

Now, if the Knight moves, $8 \mathrm{R} \times \mathrm{Qch}, \mathrm{K} \times \mathrm{R}, 9 \mathrm{~K}-\mathrm{B} 7$ winning the Pawn and drawing.
$7 \ldots \quad$ Stalemate! $\mathbf{Q \times R}$

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A. A. TROITZKY WHITE TO PLAY AND DRAW


White draws by remembering that a Queen alone cannot mate!
$1 \mathrm{Kt}-\mathrm{B} 6$
$\mathrm{P}-\mathrm{Q} 6$
2 Kt x B
$\mathrm{P}-\mathrm{Q}^{7}$
$\mathrm{P}-\mathrm{Q}(\mathrm{Q})$
$\mathrm{Q}-\mathrm{Q} 3 \mathrm{ch}$
$4 \mathrm{Kt}-\mathrm{B} 3$
$5 \mathrm{~K}-\mathrm{R} 1$

Clearly, Black cannot move his King, on account of $6 \mathrm{Kt}-\mathrm{K} 4 \mathrm{ch}$, followed by $7 \mathrm{Kt} \times \mathrm{Q}$. Therefore:

$$
\begin{array}{lll}
5 \ldots \mathrm{Kt}-\mathrm{K} 4! & & \text { Q moves } \\
& \text { And draws! } &
\end{array}
$$

The Queen alone cannot force mate, and the Black King is helpless to assist!
If, for instance, Queen to the last rank, checking, $7 \mathrm{~K}-\mathbf{R 2}$ threatening $8 \mathrm{P}-\mathrm{Kt} 3$ mate, and Black has to permit the King to retura.


White draws cleverly by sacrificing two Queens, and capturing in return only one little Pawn!

| 1 | $\mathrm{P}-\mathrm{R} 7$ | $\mathrm{~B}-\mathrm{Kt} 8$ |
| :--- | :--- | ---: |
| $2 \mathrm{P}-\mathrm{R} 8(\mathrm{Q})$ | $\mathrm{Kt}-\mathrm{Kt} 3 \mathrm{ch}$ |  |
| $3 \mathrm{~K}-\mathrm{Kt} 4$ ! | $\mathrm{Kt} \times \mathrm{Q}$ |  |
| $4 \mathrm{P}-\mathrm{B} 7$ | $\mathrm{Kt}-\mathrm{B} 2$ |  |
| 5 | $\mathrm{P}-\mathrm{B} 8(\mathrm{Q})$ | $\mathrm{B}-\mathrm{B} 4 \mathrm{ch}$ |

Black plays ingeniously!
If $6 \mathrm{~K} \times \mathrm{B}, \mathrm{Kt}-\mathrm{K} 3 \mathrm{ch}$, wins the Queen, and the game.
If $6 \mathrm{Q} \times \mathrm{B}, \mathrm{Kt}-\mathrm{R} 3 \mathrm{ch}$, wins the Queen, and the game.
White, however, chooses to give up the Queen his own way, and save the game!

$$
6 \mathrm{~K} \times \mathrm{P}!\quad \mathrm{B} \text { Salemate! } \quad \mathrm{B} \times \mathrm{Q}
$$



Dr. Lasker thought highly of the depth and subtlety of Selesniev's creations.

A case in point!

| $1 \mathrm{~K}-\mathrm{Kt} 4$ | $\mathrm{~K}-\mathrm{B} 1$ |
| :--- | :--- | ---: |
| $2 \mathrm{~K}-\mathrm{Rs}$ | $\mathrm{K}-\mathrm{Q} 1$ |
| $3 \mathrm{Kt}-\mathrm{Kt} 7!$ | $\mathrm{B} \times \mathrm{Kt}$ |

Now, finesse is required! The natural attack only draws.
If, for instance, $4 \mathrm{~K}-\mathrm{K} t 6, \mathrm{~B}-\mathrm{R} 1,5 \mathrm{~K}-\mathrm{B} 7, \mathrm{~K}-\mathrm{Q} 2,6 \mathrm{~K}-\mathrm{K} t 8$, $\mathrm{K}-\mathrm{K} 2,7 \mathrm{~K} \times \mathrm{B}, \mathrm{K}-\mathrm{B} 2$, stalemate!
The hidden point is to sacrifice the beautiful potential Queen, the Rook Pawn!

| $4 \mathrm{P}-\mathrm{R} 8(\mathrm{Q}) \mathrm{ch}!!$ | $\mathrm{B} \times \mathrm{Q}$ |
| :--- | ---: |
| $5 \mathrm{~K}-\mathrm{Kt6}$ | $\mathrm{~K}-\mathrm{K} 2$ |
| $6 \mathrm{~K}-\mathrm{R} 7$ | $\mathrm{~K}-\mathrm{B} 2$ |
| $7 \mathrm{~K} \times \mathrm{B}$ | $\mathrm{K}-\mathrm{B} 1$ |
| $8 \mathrm{~K}-\mathrm{R} 7$ | $\mathrm{~K}-\mathrm{B} 2$ |
| $9 \mathrm{~K}-\mathrm{R} 6$ | $\mathrm{~K}-\mathrm{K} 2$ |
| $10 \mathrm{~K}-\mathrm{Kt} 6$ |  |

And wins.

K. A. L. KUbBEL

White to play and wis
"Chess in U.S.S.R."
1936
A delightful illustration of "the art of sacrifice"!
1 R-B2
Threatening $2 \mathrm{R}-\mathrm{R} 2$ mate.

| $1 \ldots$. | B-Q8 |
| :--- | :--- |
| $2 \mathrm{R}-\mathrm{R} 2 \mathrm{ch}$ | B-R4 |
| $3 \mathrm{~B}-\mathrm{K} 2$ | $\ldots .$. |

Threat: $4 \mathrm{R} \times \mathrm{B}$ mate.

$$
\begin{array}{lc}
3 \ldots \mathrm{P} & \mathrm{R} \times \mathrm{B} \\
4 \mathrm{P}-\mathrm{Kt} 4! & \cdots \cdots
\end{array}
$$

Now, Black must again stop $5 \mathrm{R} \times \mathrm{B}$ mate.

$$
4 \ldots \quad \mathrm{R} \times \mathrm{R}
$$

And he does so, by removing the Rook, but-

$$
5 \mathrm{P}-\mathrm{K} t \mathrm{~s}
$$

80


White forces a neat draw from a complicated looking position with a few energetic strokes!

Note how lavish White is-in eight moves he sacrifices everything but his King!

$$
1 \mathrm{Kt}-\mathrm{Kt1ch}
$$

If 1 . . . K-R7, $2 \mathrm{Kt}-\mathrm{B} 3 \mathrm{ch}, \mathrm{K}-\mathrm{R} 6,3 \mathrm{Kt}-\mathrm{Kt1ch}$, etc.
1 Q-R6
RxKt
....

Threat: $3 \mathrm{Q} \times \mathrm{P}$ mate.
$2 \ldots$
R-RS
3 P-Kt4
RxP
4 P-KB4
$\mathrm{R} \times \mathrm{P}$

Black must keep on capturing as the Rook is the only piece that can guard his important Rook Pawn.

| $5 \mathrm{P}-\mathrm{K} 4$ | $\mathrm{R} \times \mathrm{P}$ |
| :--- | :--- |
| $6 \mathrm{P}-\mathrm{Q} 4$ | $\mathrm{R} \times \mathrm{P}$ |
| $7 \mathrm{P}-\mathrm{B} 4$ | $\mathrm{R} \times \mathrm{P}$ |
| $8 \mathrm{Q} \times \mathrm{Pch}!$ | $\mathrm{R} \times \mathrm{Q}$ |

Stalemate!

E. N. SOMOV-NASIMOVITSCH WHITE TO PLAY AND WIN
"Chess in U.S.S.R."
1940
White, by means of mating threats, maneuvers Black into a peculiar combination of pin and Knight Fork!

$$
1 \mathrm{~B}-\mathrm{Q} \sigma \mathrm{ch}!
$$

If $1 \ldots \mathrm{Q} \times \mathrm{B}, 2 \mathrm{Kt}-\mathrm{Kt} 5 \mathrm{ch}$, wins the Queen.

| $1 \ldots$ | $P \times B$ |
| :--- | :---: |
| $2 K-B 3!$ | $\ldots$ |

Threatens mate.

$$
\begin{array}{ll}
2 \ldots & \text { K-R7 } \\
3 \mathrm{R}-\mathrm{Kt} 2 \mathrm{ch} & \ldots
\end{array}
$$

| $3 \ldots$ | $\mathrm{~K}-\mathrm{R} 6$ |
| :--- | ---: |
| $4 \mathrm{R}-\mathrm{Kt} 7!$ | $\mathrm{K}-\mathrm{R} 7$ |
| S K-B2 | $\mathrm{K}-\mathrm{R} 6$ |
| $6 \mathrm{R}-\mathrm{R} 7 \mathrm{ch}$ | $\mathrm{K}-\mathrm{Kts}$ |

$$
\mathrm{K}-\mathrm{R} 6
$$ And wins, as the Queen is lost.



The Black King cannot avoid his destiny! He may choose either of two roads, but the same fate awaits him at the end!

See O. Henry's story "Roads of Destiny"!

$$
1 \mathrm{Q}-\mathrm{B} 3 \mathrm{ch}
$$

Black cannot go to K5 as 2 Q-K3ch, wins his Queen, nor can he go to K3 as $2 \mathrm{Kt}-\mathrm{B} 7 \mathrm{ch}$, does likewise.
He must therefore capture one of the Knights!
The Two Roads:
The King does not move nearer to the Rook, as he must not allow the Rook to come behind the Rook Pawn.

| $3 \mathrm{R} \times \mathrm{Pch}$ | $\mathrm{K}-\mathrm{Kt} 6$ |
| :--- | :--- | ---: |
| $4 \mathrm{R}-\mathrm{K} 1$ | $\mathrm{Kt}-\mathrm{Q} 6$ |
| $5 \mathrm{R}-\mathrm{B} 1$ | $\mathrm{~K}-\mathrm{Kt7}$ |
| $6 \mathrm{~K}-\mathrm{K} 2$ | $\mathrm{Kt}-\mathrm{B} 5 \mathrm{ch}$ |
| $7 \mathrm{~K}-\mathrm{K} 1$ | $\mathrm{Kt}-\mathrm{R} 6$ |

Threatening $8 \ldots \mathrm{Kt}-\mathrm{Kt} 8$.

| 8 | $\mathrm{R}-\mathrm{R} 1!$ | $\mathrm{K} \times \mathrm{R}$ |
| ---: | ---: | ---: |
| 9 | $\mathrm{~K}-\mathrm{B} 1$ | $\mathrm{Kt}-\mathrm{K} t 4$ |
| 10 | $\mathrm{~K}-\mathrm{B} 2$ | $\mathrm{Kt}-\mathrm{K} 5 \mathrm{ch}$ |
| 11 | $\mathrm{~K}-\mathrm{B} 1$ | $\mathrm{Kt}-\mathrm{Q} 7 \mathrm{ch}$ |


hite draws this position, by recalling, as a last desperate resource, that the Knight cannot gain a move! A useful end-game principle!

$$
1 \mathrm{~B}-\mathrm{K} 4
$$

The only way to stop the Pawn. If, instead $1 R-K 1, K t \times B$, $2 \mathrm{R}-\mathrm{Bi}, \mathrm{P}-\mathrm{R} 8(\mathrm{Q}), 3 \mathrm{R} \times \mathrm{Q}, \mathrm{Kt}-\mathrm{B} 7 \mathrm{ch}$, and Black wins.

$$
\begin{array}{lr}
1 \times \ddot{K} r \text { P×B } \\
2 \text { R-KSh } & \mathrm{K}-\mathrm{K} t s
\end{array}
$$

8 R-R1!

$$
\begin{array}{r}
\mathrm{K} \times \mathrm{R} \\
\mathrm{Kt}-\mathrm{K} t 4 \\
\mathrm{Kt}-\mathrm{K} s \mathrm{ch} \\
\mathrm{Kt}-\mathrm{Q} 7 \mathrm{ch}
\end{array}
$$

## Drawn.



The great Bohemian problem composer shows his skill in the end-game with this captivating miniature!

$$
1 \mathrm{P}-\mathrm{R} 6!
$$

. . . .

Black, of course cannot advance his passed Pawn, as his Bishop would be unprotected. He therefore checks to gain time.

| $1 \times$ K-Kt6 | B-Kt4ch |
| :--- | :--- | ---: |
| 2 K | P-Q6 |
| $3 \mathrm{Kt}-\mathrm{K} 3 \mathrm{ch}!$ | Bx Kt |

Forced, as $3 \ldots \mathrm{~K}-\mathrm{B} 6,4 \mathrm{Kt}-\mathrm{Q} 1$ wins easily.

| $4 \mathrm{P}-\mathrm{R} 7$ | $\mathrm{P}-\mathrm{Q} 7$ |
| :--- | :--- | ---: |
| $5 \mathrm{P}-\mathrm{R} 8(\mathrm{Q})$ | $\mathrm{P}-\mathrm{Q} 8(\mathrm{Q})$ |
| $6 \mathrm{Q}-\mathrm{Kt} 2 \mathrm{ch}$ | $\ldots$. |

If 6
K-R5, 7 Q-R2ch, K-Kts, Q-Rsch, wins the Queen.

$$
\begin{array}{lr}
6 \ldots \mathrm{~K}-\mathrm{Bs} \\
7 \mathrm{Q}-\mathrm{K} t s c h & \mathrm{~K}-\mathrm{Ks}
\end{array}
$$

If $7 \ldots \mathrm{~K}-\mathrm{B} 6,8 \mathrm{Q}-\mathrm{R} 5 \mathrm{ch}$, wins the Queen.


8 Q-BS
$K$-Qs

10 Qx Q
And wins

J. SEFWERS

WHITE TO PLAY AND DRAW
"1000 End-Games"
1910
Black avoids stalemating on the diagonal only to be forced to do so on the file! A clever twist!

$$
1 \mathrm{~B}-\mathrm{Q} 5 \mathrm{ch}
$$

$$
\mathrm{K}-\mathrm{Q}^{5}
$$

To keep the Rook away from K3.

| $2 \mathrm{R}-\mathrm{Kt1}$ | $\mathrm{~B}-\mathrm{B} 8$ |
| :--- | :--- |
| $3 \mathrm{R}-\mathrm{Kt4ch}$ | $\mathrm{~K} \times \mathrm{B}$ |
| $4 \mathrm{R}-\mathrm{Kt} 4!$ | $\ldots$. |

This sets Black a problem! If $\mathrm{P}-\mathrm{K} 8(\mathrm{Q})$, White is stalemate. Promoting to Bishop still pins White! Should Black decide to make a Knight, then $5 \mathrm{R}-\mathrm{Kt1}$, and one of the Black pieces is lost. Therefore:


Stalemate.


The Knights on the eighth rank seem very much out of the game, but in a few moves they control the situation!

| $1 \mathrm{Kt}-\mathrm{B} 6$ | $\mathrm{P} \times \mathrm{Kt}$ |
| :--- | ---: | ---: |
| $2 \mathrm{Kt}-\mathrm{Kt6}$ | $\mathrm{P}-\mathrm{B} 6$ |
| $3 \mathrm{Kt}-\mathrm{K} 5$ | $\mathrm{P}-\mathrm{B} 7$ |
| $4 \mathrm{Kt}-\mathrm{Q} 3$ | $\mathrm{P}-\mathrm{B} 8(\mathrm{Q})$ |
| $5 \mathrm{Kt}-\mathrm{Kt2}$ ! |  |

And mates next move by 6 P-R4, or 6 P-B4. The Queen has no checks, thanks to White's first move!

K. A. L. KUBBEL

WHITE TO PLAY AND DRAW
"Chess in U.S.S.R."
1935
Two clever ideas are brought to light in this fine ending! The actual solution, and a seemingly plausible line, which leads to disaster!

White's only chance would seem to be to Queen a Pawn. If $1 \mathbf{P} \times \mathrm{P}, \mathrm{R}-\mathrm{R} 7 \mathrm{ch}, 2 \mathrm{~K}-\mathrm{Kt1}, \mathrm{R}-\mathrm{R} 7,3 \mathrm{R}-\mathrm{B} 8 \mathrm{ch}, \mathrm{K} \times \mathrm{R}$, $4 \mathrm{P}-\mathrm{R} 8(\mathrm{Q}) \mathrm{ch}, \mathrm{K}-\mathrm{Kt} 2$, and Black's next move of $5 \ldots$ R-Q8ch, wins!
The correct way is:
$1 \mathrm{~K}-\mathrm{Kt} 2$
R-R4
2 PxP
$K-Q 3$

To evade the threat of $3 \mathrm{R}-\mathrm{B} 8 \mathrm{ch}, \mathrm{K} \times \mathrm{R}, 4 \mathrm{P}-\mathrm{R} 8(\mathrm{Q}) \mathrm{ch}$, etc.

```
3 R-R8
```

R x P

$$
4 \text { R-R6ch! }
$$

And draws, as Black must lose one of his Rooks!

H. MATtison

WHITE TO PLAY AND DRAW
"Latvia Sport"
1924
With the Knight so badly locked in, it looks as if White might resign gracefully, but there's still a draw on the board!

$$
\begin{array}{lc}
1 \mathrm{~K}-\mathrm{Q} 5 & \mathrm{~K}-\mathrm{Q} 2 \\
2 \mathrm{P}-\mathrm{R} 4 & \ldots
\end{array}
$$

Threatening $3 \mathrm{P}-\mathrm{R} 5$ followed by $4 \mathrm{Kt}-\mathrm{Kt} 6$.
2... P—R4

Which little idea Black promptly stops!

$$
\begin{array}{lr}
3 \mathrm{~K}-\mathrm{B} 4 & \mathrm{~K}-\mathrm{B} 3 \\
4 \mathrm{Kt}-\mathrm{B} 7! & \ldots
\end{array}
$$

An unexpected sacrifice!

| $4 \ldots$ | $\mathrm{~K} \times \mathrm{Kt}$ |
| :--- | ---: |
| $5 \mathrm{~K}-\mathrm{K} t 5$ | $\mathrm{~B}-\mathrm{Kt} 3$ |
| $6 \mathrm{~K}-\mathrm{R} 6$ | $\ldots$ |

The Bishop dare not move as the Pawn needs protection, and the Black King must guard the Bishop. There's only one move left!

$$
6 \ldots \quad \text { Stalemate. } \quad \mathrm{K}-\mathrm{B} 3
$$



Black wiggles out of the first pin, but the second one proves fatal!
1 Q-B6ch
Q-Bsch
3 B-K3ch
$\mathrm{K}-\mathrm{R} 4$
$\mathrm{~K}-\mathrm{R} 3$
$\mathrm{~K}-\mathrm{Kt} 2$

If $4 \ldots \mathrm{~K}-\mathrm{R} 1,5 \mathrm{~B}-\mathrm{Q} 4 \mathrm{ch}$, wins.

$$
\begin{array}{ll}
4 \\
5 & \mathrm{~B}-\mathrm{B} s \mathrm{ch}
\end{array} \quad \mathrm{~K}-\mathrm{B} 1
$$

If Black replies $5 \ldots \mathrm{~K}-\mathrm{K} 1,6 \mathrm{Q}-\mathrm{K} 7$ is mate.

$$
\begin{aligned}
& 5 \\
& 6 \\
& 6
\end{aligned} \quad \quad \mathrm{Q}-\mathrm{K} 5!\quad \mathrm{Q} 3
$$

The first pin!

$$
\begin{array}{ll}
6 \\
7 \dot{B} \times B & K-K t 1 \\
\ldots
\end{array}
$$

Now Black has to prevent the threat of 8 Q-Ktsch, K-R1, 9 B-KSch.

| 7 | Q-. |
| ---: | ---: |
| 9 Q-Kt3ch | K-R1 |
| 9 B-Ksch | P-R1 |
| 10 Q-Kt5! |  |

And the second pin wins!


An ingenious-and delightful-method of saving an apparently dead lost position!

$$
\begin{array}{ll}
1 \mathrm{P}-\mathrm{K}+6 & \mathrm{P}-\mathrm{Q} 5 \\
\text { ay } 2 \ldots \mathrm{~B}-\mathrm{Q} 4 . & \\
2 \mathrm{~K}-\mathrm{B} 4 & \ldots .
\end{array}
$$

In order to play $2 \ldots$ B-Q4.
Which White promptly prevents.

| $2 \ldots \mathrm{P}$ | $\mathrm{B} \times \mathrm{P}(\mathrm{B} 6)$ |
| :--- | ---: |
| $3 \mathrm{P}-\mathrm{Kt7}$ | $\mathrm{P}-\mathrm{B} 3$ |
| $4 \mathrm{P}-\mathrm{Kt8}(\mathrm{Q})$ | $\mathrm{B}-\mathrm{Q} 4 \mathrm{ch}$ |
| $5 \mathrm{Q} \times \mathrm{B}$ | $\mathrm{P} \times \mathrm{Qch}$ |
| $6 \mathrm{~K} \times \mathrm{P}(\mathrm{Q} 4)$ | $\cdots \cdots$ |

White now threatens to draw by capturing both Pawns.

$$
6 \ldots \quad P-K 3
$$

Stalemate!
V. A. KOROLIKOV WHITE TO PLAY AND WIN
"Isvestia"
1930

The hypnotized Black King walks straight down his Bishop file into checkmate!
$1 \mathrm{P}-\mathrm{R} 8(\mathrm{Q}) \mathrm{ch}$
Qx Q
$2 \mathrm{~B}-\mathrm{K} 5$ !
QxB

Refusing the Bishop is no better. If $2 \ldots \mathrm{Q}-\mathrm{R} 2,3 \mathrm{~B}-\mathrm{QB4}$ followed by 4 R -Kt8ch, wins easily.

$$
3 \text { R-Kt8ch }
$$

The King must walk the gang-plank!

| 3 | $\cdots$ | $K \times P$ |
| :--- | :--- | ---: |
| 4 | B-B4ch | $K-B 3$ |
| 5 | $\mathrm{R}-\mathrm{Kt} 6 \mathrm{ch}$ | $\mathrm{K} \times \mathrm{P}$ |
| 6 | $\mathrm{~B}-\mathrm{Q} 3 \mathrm{ch}$ | $\mathrm{K}-\mathrm{B} 5$ |
| 7 | $\mathrm{R}-\mathrm{Kt} 4 \mathrm{ch}$ | $\mathrm{K} \times \mathrm{P}$ |
| 8 | $\mathrm{~B}-\mathrm{K} 2$ |  |
|  |  |  |

[^0]
K. A. L. KUBBEL

WHITE TO PLAY AND DRAW
"Kolnische V.olkszeitung"

## 1926

White, a piece down, forces a neat draw by a clever shuttling device!

$$
1 \mathrm{P}-\mathrm{K} 7 \quad \mathrm{~B}-\mathrm{K} t 1
$$

Threatening to remove the dangerous Pawn by $2 \ldots \mathrm{~B}-\mathrm{Q} 3 \mathrm{ch}$.

| 2 | $\mathrm{P}-\mathrm{K} 5$ | $\mathrm{~B} \times \mathrm{P}$ |
| :--- | :--- | ---: |
| 3 | $\mathrm{~B}-\mathrm{Q} 7$ | $\mathrm{~B}-\mathrm{Q} 3 \mathrm{ch}$ |
| 4 | $\mathrm{~K}-\mathrm{R} 4$ | $\mathrm{~B} \times \mathrm{P}$ |
| 5 | $\mathrm{~B}-\mathrm{K} 6 \mathrm{ch}$ | $\mathrm{K}-\mathrm{R} 1$ |
| $6 \mathrm{~B}-\mathrm{Q} 5$ | $\mathrm{~B}-\mathrm{B} 8$ |  |

Black avoids $6 \ldots \mathrm{~B} \times \mathrm{B}$, stalemate!
$7 \mathrm{~B}-\mathrm{B} 4$ !
B-KR6
Again, if $7 \ldots \mathrm{~B} \times \mathrm{B}$, stalemate!
8 B-K6!
B-Kt7

Once more, if $8 \ldots$ B x B, stalemate!
$9 \mathrm{~B}-\mathrm{Q} 5$ !
Drawn.
"Chess in U.S.S.R."
1935


A pretty and unexpected mate occurs in this witty miniature!

1 P-R6
B-Q -
The Pawn must be stopped!

| $2 \mathrm{~K} \times \mathrm{B}$ | $\mathrm{Kt}-\mathrm{Kts}$ |
| :--- | ---: |
| $3 \mathrm{P}-\mathrm{R} 7$ | $\mathrm{Kt}-\mathrm{B} 3 \mathrm{ch}$ |
| $4 \mathrm{~K}-\mathrm{B} 5$ | KtxP |
| $5 \mathrm{~K}-\mathrm{Kt} 6$ | $\mathrm{Kt}-\mathrm{B} 1 \mathrm{ch}$ |
| $6 \mathrm{~K}-\mathrm{B} 7$ | $\ldots$ |

Black has only two squares for his Knight. If $6 \ldots \mathrm{Kt}$ - R2, $7 \mathrm{Kt}-\mathrm{R} 3$ holds the Knight and $8 \mathrm{~B}-\mathrm{K} 3$, seals his doom! So he saves the Knight by

$$
6 \ldots \quad \mathrm{Kt}-\mathrm{K} 2
$$

But loses his King!

$$
7 \mathrm{Kt}-\mathrm{Q} 6
$$

## Mate!


E. I. umnov

WHITE TO PLAY AND WIN

A fine illustration of the Nowotny theme (placing a White piece on a square interfering with two Black pieces travelling in different directions) combined with threatened stalemate and under-promotion!

| 1 | $\mathrm{P}-\mathrm{Kt} 7$ | $\mathrm{~B}-\mathrm{R} 7$ |
| :--- | :--- | ---: |
| 2 | $\mathrm{P}-\mathrm{B} 4 \mathrm{ch}$ | $\mathrm{K}-\mathrm{R} 3!$ |
| 3 | $\mathrm{P}-\mathrm{K} 7$ | $\mathrm{R}-\mathrm{K} 6$ |
| 4 | $\mathrm{~B}-\mathrm{K} 5!$ | $\ldots$ |

The Nowotny idea-to force the Black pieces to get in each other's way! For instance, if $4 \ldots \mathrm{~B} \times \mathrm{B}, 5 \mathrm{P}-\mathrm{K} 8(\mathrm{Q})$ wins. Seemingly if $4 \ldots$ R $\quad$ B , the Bishop's diagonal is blocked, and White simply Queens the Knight Pawn and wins.

$$
4 \ldots
$$

$$
\mathrm{R} \times \mathrm{B}!
$$

A quick-witted defence! If $5 \mathrm{P}-\mathrm{Kt8}(\mathrm{Q}), \mathrm{R} \times \mathrm{P}, 6 \mathrm{Q} \times \mathrm{B}$ (forced, as if Queen elsewhere, $6 \ldots \mathrm{R}-\mathrm{R} 2$ mate) $\mathrm{R}-\mathrm{K} 1 \mathrm{ch}, 7 \mathrm{Q}-\mathrm{Kt}$, R-Q1!!, 8 Q $\times \mathrm{R}$ stalemate!
But White has some ideas of his own!
$5 \mathrm{P}-\mathrm{Kt} 8(\mathrm{Kt}) \mathrm{ch}$ !
K—Kt3

Or $5 \ldots \mathrm{~K}-\mathrm{R} 4,6 \mathrm{Kt} \times \mathrm{Pch}$, winning.


And wins.

H. MATTISON

WHITE TO PLAY AND WIN

1-II Prize-
"Scbachmatny Listok"
1929
Mattison's compositions are characterized by richness of imagination and elegance of construction!
$1 \mathrm{P}-\mathrm{Kt} 7$
R-QKt4
2 R-Q8
B-Kt7

Clearly, if $4 R \times R, B \times P$ and Black draws.
$4 \mathrm{P}-\mathrm{B} 7$ !
$\mathrm{R}-\mathrm{Kt} 7 \mathrm{ch}$
$5 \mathrm{~K}-\mathrm{B} 1!\quad \mathrm{R}-\mathrm{Kt} 3$

To answer $6 \mathrm{P}-\mathrm{B} 8(\mathrm{Q})$ by $6 \ldots \mathrm{R}-\mathrm{B} 3 \mathrm{ch}$.

A. S. GUREWITZ BLACK TO PLAYWHITE TO WIN


In which White sacrifices three pieces to bring about a singular "semi-smothered" mate!

Notice the terms-Black moves first.
Black is threatened with $\mathrm{B} \times \mathrm{R}$ as well as $\mathrm{B}-\mathrm{B} 6 \mathrm{ch}$. If he guards both threats with $1 \ldots \mathrm{R}-\mathrm{Kt3}$, the following occurs: $1 \ldots$ $\mathrm{R}-\mathrm{Kt} 3,2 \mathrm{Kt}-\mathrm{K} 6, \mathrm{R}(\mathrm{R} 2) \times \mathrm{Kt}, 3 \mathrm{~B}-\mathrm{B} 6$ (dble)ch, K-R2, $4 \mathrm{R}-\mathrm{R} 8$ mate. $\mathrm{Or}, 1 \ldots \mathrm{R}-\mathrm{Kt} 3,2 \mathrm{Kt}-\mathrm{K} 6, \mathrm{~K}-\mathrm{Kt} 2,3 \mathrm{Kt}(\mathrm{K} 6)$ -B5ch, K-B1, 4 B-B6 mate.
He therefore plays

|  | R-Kt7ch |
| :---: | :---: |
| 2 KxP | R-Kt6ch |
| 3 KxP | R-Kt3! |

Now it looks as if White were in trouble! But he wins by a charming idea!

| 4 B-B6ch | $\mathrm{R} \times \mathrm{B}$ |  |
| :--- | :--- | ---: |
| $5 \mathrm{Kt}-\mathrm{Q} 7 \mathrm{ch}$ |  | $\mathrm{K}-\mathrm{Kt2}$ |
| $6 \mathrm{R}-\mathrm{Kt8ch}!$ | $\mathrm{K} \times \mathrm{Kt}$ |  |
| $7 \mathrm{R}-\mathrm{Kt} 6 \mathrm{ch}!$ |  | $\mathrm{R} \times \mathrm{R}$ |
| $8 \mathrm{Kt}-\mathrm{B} 5$ |  |  |
|  |  | Mate! |
|  |  |  |


S. A. NECHAYEV

White to play and win
"Soviet Chess Compositions"
1937
An interesting illustration of the usefulness - and beauty - of under-promotion in the ending!
1 P-Kt7
B-Q1

So that, if $2 \mathrm{P}-\mathrm{Kt8}(\mathrm{Q}), \mathrm{B}-\mathrm{B} 3 \mathrm{ch}, 3 \mathrm{~K}-\mathrm{R} 7, \mathrm{~B} \times \mathrm{Pch}$, and White can resign.

$$
2 \mathrm{P}-\mathrm{Kt} 4 \mathrm{ch}
$$

To lure the King away.

| $2 \ldots$ | $K-R 3$ |
| :--- | ---: |
| $3 \mathrm{P}-\mathrm{B} 6!$ | $\cdots$ |

An important sacrifice.
3 ....
$B \times P$
4 B-K7!!
. . .

Another offer, which must be accepted, as otherwise White Queens.

$$
4 \ldots \quad B \times B
$$

If White Queens, then $5 \ldots$ B-B3ch, polishes him off!

|  | $\mathrm{P}-\mathrm{Kt8}(\mathrm{Kt}$ ! $) \mathrm{ch}$ | K-Kt3 |
| :---: | :---: | :---: |
| 6 | Kt $\times$ Bch | K-B3 |
| $7 \mathrm{Kt} \times \mathrm{B}$ |  |  |
|  | And |  |


A. S. SELESNIEV
white to play and draw
"Schachnatny Listok"
1930
Seemingly Black's King Pawn cannot be stopped from Queening-but White has a cute drawing idea up his sleeve!
$1 \mathrm{~K}-\mathrm{B} 7$ !
Threatening to win the dangerous Pawn by $2 \mathrm{Kt}-\mathrm{B} 6 \mathrm{ch}$.

$$
1 \ldots \quad \mathrm{P}-\mathrm{K} 6
$$

Black, of course, rushes ahead to the coronation!

| $2 \mathrm{Kt}-\mathrm{B} 6 \mathrm{ch}$ | $\mathrm{K}-\mathrm{R} 1$ |
| :--- | ---: |
| $3 \mathrm{Kt}-\mathrm{Q} 5$ | $\mathrm{P}-\mathrm{K} 7$ |
| $4 \mathrm{Kt}-\mathrm{B} 4$ | $\mathrm{P}-\mathrm{K} 8(\mathrm{Q})$ |
| $5 \mathrm{Kt} \times \mathrm{Pch}$ | $\mathrm{K}-\mathrm{R} 2$ |
| $6 \mathrm{Kt}-\mathrm{B} 8 \mathrm{ch}$ | $\mathrm{K}-\mathrm{R} 1$ |
| $7 \mathrm{Kt}-\mathrm{Kt} 6 \mathrm{ch}$ |  |
| Drawn by perpetual check. |  |

A. O. HERBSTMANN WHITE TO PLAY AND DRAW


Entertaining, witty and original! In other words, a typical "Herbstmann" production!
1 B-Kt3ch
K-B4

The only square, as $1 \ldots \mathrm{~K}-\mathrm{B} 3$ or K 4 would permit 2 $\mathbf{P} \times \mathbf{R}(\mathrm{Q}) \mathrm{ch}$.
2 B-B2ch
K-Kt4
3 P-R4ch
K-R4

Ah! A safe hiding place!

| $4 \mathrm{P} \times \mathrm{R}(\mathrm{Q})$ | $\mathrm{Q}-\mathrm{R} 2 \mathrm{ch}$ |
| :--- | ---: |
| $5 \mathrm{~K}-\mathrm{Q} 8$ | $\mathrm{Q}-\mathrm{Kt1ch}$ |
| $6 \mathrm{~K}-\mathrm{K} 7$ | $\mathrm{Q} \times \mathrm{Q}$ |
| $7 \mathrm{~K}-\mathrm{B} 7!$ | $\ldots .$. |

Actually threatening mate!

$$
7 \text {. . . . }
$$

$$
\mathrm{Kt}-\mathrm{BS}
$$

Which Black promptly prevents.
8 B-Kt 6 ch !
Kt x B

Stalemate.

T. B. GORGIEV

WHITE TO PLAY AND WIN

First Prize-
"Schachmaty" 1928
An excellent example of "Domination."
Black's Bishop finds that there's no place on the board to hide from White's Knight!

| $1 \mathrm{Kt}-\mathrm{Q} 3 \mathrm{ch}$ | $\mathrm{K}-\mathrm{B}$ |
| :--- | :--- | ---: |
| $2 \mathrm{~B}-\mathrm{Q} 5 \mathrm{ch}$ | $\mathrm{K} \times \mathrm{B}$ |
| $3 \mathrm{Kt}-\mathrm{Kt} 4 \mathrm{ch}$ | $\mathrm{K}-\mathrm{Bs}$ |
| $4 \mathrm{Kt} \times \mathrm{B}$ | $\mathrm{K}-\mathrm{Kt} 6$ |

Both Knights are in danger, and it takes clever maneuvering to force the win.
$5 \mathrm{Kt}-\mathrm{Bich}$
$\mathrm{K}-\mathrm{K} \mathrm{t}^{7}$
$6 \mathrm{Kt}-\mathrm{Q} 2$

B-Q1ch
6 ....
$\mathrm{K} \times \mathrm{Kt}$
$8 \mathrm{~K}-\mathrm{Q} 7!$
And wins, as the Bishop succumbs to a discovered check!


Black threatens to draw by a skillful maneuver, but White is equal to the task, and fashions a simple but powerful mating net, from which there is no escape!
1 P-Q7ch
$K \times P$
2 RxKt
B-Kt3ch!

A clever defence, as will be seen.
3 KxB
PxP
4 R -Q4ch

$$
\mathrm{K}-\mathrm{K} 1!
$$

The point! If $5 \mathrm{R} \times \mathrm{P}, \mathrm{P}-\mathrm{Q} 8(\mathrm{Q}), 6 \mathrm{R} \times \mathrm{Q}$, stalemate! 5 B-K7!!
One good move deserves another. Now, if $5 \ldots \mathrm{~K} \times \mathrm{B}, 6 \mathrm{R} \times \mathrm{P}$ wins easily as there is no stalemate after $6 \ldots \mathrm{P}-\mathrm{Q} 8(\mathrm{Q}), 7 \mathrm{R} \times \mathrm{Q}$.

$$
\begin{aligned}
& 5 \ldots \mathrm{~K} . \mathrm{K} 5!\quad \mathrm{P}-\mathrm{Q}(\mathrm{Q}) \\
& 6 \mathrm{~B})
\end{aligned}
$$

And wins, as there is no way to prevent mate by $\mathrm{R}-\mathrm{Q}$ !

A. A. TROITZKY

WHITE TO PLAY AND DRAW

An apparently simple position; but it has some interesting quirks!
1 PxP
B-B4ch
$\mathrm{Kt}-\mathrm{K} 4$ !
BxP
$3 \mathrm{~K}-\mathrm{Q} 2$ !
. . . .

If Black tries $3 \ldots \mathrm{BxKt}$, then $4 \mathrm{~K} \times \mathrm{Kt}$ and the position is a "book" draw, as the Bishop does not control the Queening square of the Rook Pawn.

| $3 \ldots$ | $\mathrm{Kt}-\mathrm{Kt7}$ |
| :--- | ---: |
| $4 \mathrm{~K}-\mathrm{B} 3$ | $\mathrm{Kt}-\mathrm{R} 5 \mathrm{ch}$ |
| $5 \mathrm{~K}-\mathrm{Kt4}$ | $\ldots$. |

And now, the point! The Black Knight cannot go to Kt3 as 6 Kt -B5 mates! Therefore:


K. A. L. KUBBEL

WHITE TO PLAY AND DRAW
l-II Prize-
"Chess in U.S.S.R."
1934
An extraordinary defensive idea! Black makes use of the "Bristol" theme, as the only way to prevent checkmate!

Note Black's third move, where the Rook makes room for the Queen!

$$
\begin{array}{lc}
1 \mathrm{P}-\mathrm{Kt} 7 \mathrm{ch} & \mathrm{~K}-\mathrm{Kt} 1 \\
2 \mathrm{~B}-\mathrm{Q} 5 & \cdots
\end{array}
$$

Threatening $3 \mathrm{~B}-\mathrm{K} 4$ followed by $4 \mathrm{~B}-\mathrm{R} 7$ mate.

$$
\begin{array}{lr}
2 \ldots & \mathrm{P}-\mathrm{R} 8(\mathrm{Q}) \\
3 \mathrm{P}-\mathrm{B} 3 & \mathrm{R}-\mathrm{R} 8!! \\
4 \mathrm{~B}-\mathrm{K} 4 & \mathrm{Q}-\mathrm{QK} t 8!
\end{array}
$$

Stopping S $\mathrm{B}-\mathrm{R} 7$ mate, and threatening to win by capturing the Bishop.

$$
5 \mathrm{~B}-\mathrm{B} 5!\quad \text { Stalemate. } \quad \mathrm{Q} \times \mathrm{B}
$$

Polland points out that Black may choose instead to stalemate himself, and play 5 . . R-R4, $6 \mathrm{~B} \times \mathrm{Q}, \mathrm{R}-\mathrm{R} 4 \mathrm{ch}!7 \mathrm{~K} \times \mathrm{R}$, stalemate.

Third Prize-
Leningrad Tourney
1936


White must play ingeniously to escape with a drawby stalemate!

| 1 | $\mathrm{~K}-\mathrm{K} t 5$ | $\mathrm{~K}-\mathrm{Q} 4$ |
| :--- | :--- | ---: |
| 2 | $\mathrm{P}-\mathrm{B} 4 \mathrm{ch}$ | $\mathrm{K}-\mathrm{Q} 3$ |
| 3 | $\mathrm{P}-\mathrm{B} 5 \mathrm{ch}$ | $\mathrm{K}-\mathrm{Q} 2$ |
| $4 \mathrm{P}-\mathrm{B} 6 \mathrm{ch}$ | $\mathrm{K}-\mathrm{Q} 3$ |  |
| $5 \mathrm{P}-\mathrm{B} 7$ | $\mathrm{R}-\mathrm{KR} 1$ |  |
| $6 \mathrm{~K}-\mathrm{R} 6$ | $\mathrm{~K}-\mathrm{Q} 2$ |  |
| 7 | $\mathrm{~K}-\mathrm{R} 7$ | $\ldots .$. |

If Black plays $7 \ldots \mathrm{~K}-\mathrm{B} 1,8 \mathrm{~K}-\mathrm{R} 8$ ! is the proper reply.

$$
7 \ldots \quad K-B 6!
$$

Now how does White proceed? If $8 \mathrm{P}-\mathrm{Kt7}, \mathrm{~K} \times \mathrm{P}$ wins, or if $8 \mathrm{~K}-\mathrm{R} 6, \mathrm{R}-\mathrm{R} 1$ mate.

$$
\begin{array}{rrr}
8 \mathrm{P}-\mathrm{B} 8(\mathrm{Q}) \mathrm{ch}! & \mathrm{R} \times \mathrm{Q} \\
9 \mathrm{P}-\mathrm{K} t 7 & & \mathrm{R}-\mathrm{B} 2 \\
10 \mathrm{~K}-\mathrm{R} 8! & & \mathrm{R} \times \mathrm{P}
\end{array}
$$


B. HORWITZ

WHITE TO PLAY AND WIN

An entertaining King march by an old time composer !

| 1 P-B3ch | K-B4 |
| :--- | :--- | ---: |
| 2 Kt-R4ch | K-Kt4 |
| 3 P-B4ch | K-R3 |
| 4 B-B6 | $\cdots .$. |

The Black King is tied up! The next step is to bring the White King over to QB8 and force mate by B-Kt7.
Black is helpless to prevent this and cannot play for stalemate by giving up his Pawns, as he will still be left with a Bishop that he won't be able to get rid of!

| $4 \ldots$ | B-Kt8 |
| :--- | ---: |
| $5 \mathrm{~K}-\mathrm{B} 2$ | $\mathrm{~B}-\mathrm{B} 7$ |
| $6 \mathrm{~K}-\mathrm{Q} 1$ | $\mathrm{~B}-\mathrm{Kt} 8$ |
| $7 \mathrm{~K}-\mathrm{K} 2$ | $\mathrm{~B}-\mathrm{B} 7$ |
| $8 \mathrm{~K}-\mathrm{B} 1!$ | $\cdots$ |

Of course not $8 \mathrm{~K}-\mathrm{B} 3, \mathrm{P}-\mathrm{B} 8(\mathrm{Q}) \mathrm{ch}$.

| $8 \ldots \cdots$ | $\mathrm{~B}-\mathrm{Kt} 8$ |
| ---: | ---: |
| $9 \mathrm{~K}-\mathrm{Kt} 2$ | $\mathrm{~B}-\mathrm{B} 7$ |
| $10 \mathrm{~K}-\mathrm{R} 3$ |  |

And the King proceeds along the White-squared Highway (Kt4, $\mathrm{B} 5, \mathrm{~K} 6, \mathrm{Q} 7$ ) to QB 8 and then plays $\mathrm{B}-\mathrm{K} 77$ mate!


It takes five brilliant moves to force a draw from this desperate dilemma!
Black's Rook threatens both Bishops! One by $1 \ldots$ RxB, and the other by $1 \ldots$ R-B2ch, and $2 \ldots$ R x B.

$$
1 \mathrm{~B}-\mathrm{B} 4!
$$

Covering the square QB 7 , and thus threatening $2 \mathrm{P}-\mathrm{K} 7$.

| $1 \ldots \mathrm{P}$ | Ktx B |
| :--- | :--- |
| $2 \mathrm{~K} 7!$ | $\mathrm{R}-\mathrm{B} 2$ |

The Pawn must be stopped!

$$
3 \mathrm{~B}-\mathrm{B} 6 \mathrm{ch}!
$$

Black cannot capture the impudent Bishop, as after $3 \ldots \mathrm{R} \times \mathrm{B}$, $4 \mathrm{P}-\mathrm{K} 8(\mathrm{Q})$.

$$
\begin{array}{ll}
3 \ldots & K-K t s \\
4 \mathrm{~B}-\mathrm{Q} 7!
\end{array}
$$

Now the Bishop must be removed, or the Pawn Queens!

$$
4 \ldots \quad R \times B
$$

With his only hope (the King Pawn) pinned, what miracle will
save White?

$$
5 K_{x P!}
$$

Unpinning himself, and threatening to advance the Pawn!

$$
5 \ldots \quad \text { RxP }
$$

## Stalemate!



Attack and counter attack culminate in a delightful mating position in the center of the board!
The forced "en passant" captures lend piquancy to the solution.
White's Rook and Knight are attacked, so the first move is fairly obvious.
$1 \mathrm{Kt}-\mathrm{K} s \mathrm{ch}$
$2 \mathrm{R}-\mathrm{Kt} 6$
K-K3
3 P-K3
$\mathrm{K} \times \mathrm{Kt}$
....

Threatening to win a piece, as the Knight protects the Bishop.

$$
4 \mathrm{R} \times \mathrm{B} \quad \mathrm{Kt}-\mathrm{B} 4
$$

Now, if Black replies $4 \ldots$ Kt $\times \mathrm{R}$, simply $5 \mathrm{R} \times \mathrm{Kt}$ wins. But Black has a nice move ready!

$$
4 \ldots \quad \mathrm{Kt}-\mathrm{Q} 4
$$

One Knight threatens Kt x R, and the other one Kt-Ktsch, and the capture of the other Rook.
But White has other plans!

| $5 \mathrm{P}-\mathrm{B} 4 \mathrm{ch}!$ | $\mathrm{P} \times \mathrm{P}$ en passant |
| :--- | ---: |
| $6 \mathrm{P}-\mathrm{Q} 4 \mathrm{ch}!$ | $\mathrm{P} \times \mathrm{P}$ en passant |
| $7 \mathrm{R}-\mathrm{K} 4 \mathrm{ch}!$ | $\mathrm{K} \times \mathrm{R}$ |
| $8 \mathrm{R}-\mathrm{K} 6$ |  |

$8 \mathrm{R}-\mathrm{K} 6$

Mate.

"Can such things be?" was the exclamation of the New York Post's genial chess editor, H. R. Bigelow, who was thrilled with the beauty of this master work.

| $1 \mathrm{R}-\mathrm{Kt1}$ Threatens $2 \mathrm{~B}-\mathrm{Q} 7$ mate. | ${ }_{6}^{5} \dot{\mathrm{R}-\mathrm{KB} 1}$ | P-K6 |
| :---: | :---: | :---: |
| $\begin{array}{lr} 1 \times \ddot{Q} & \text { Q-Kts } \\ 2 \mathrm{~B} \times \mathrm{Q} & \mathrm{P} \times \mathrm{B} \\ 3 \mathrm{R}-\mathrm{QB} 1 & \cdots \end{array}$ | Threat 7 R x P mate. ${ }_{7}^{6} \text { R-KKt1 }$ | P-B6 |
| Threat $4 \mathrm{R} \times \mathrm{P}$ mate. | Same threat! |  |
| $\begin{array}{cc} 3 \ldots & \mathrm{P}-\mathrm{QB} 6 \\ 4 \mathrm{R}-\mathrm{Q} 1 & \cdots \end{array}$ | $\begin{aligned} & 7 \\ & 8 \mathrm{R}-\mathrm{KR} 1 \end{aligned}$ | P-Kt6 |
| Threat $5 \mathrm{R} \times \mathrm{P}$ mate. | And again! |  |
| $\begin{array}{cc} 4 \ldots \\ 5 \mathrm{R}-\mathrm{K} 1 & \mathrm{P}-\mathrm{Q} 6 \\ \hline \end{array}$ |  | P-R6 |
| Threat $6 \mathrm{R} \times \mathrm{P}$ mate. | $9 \mathrm{R} \times \mathrm{P}$ $10 \mathrm{R}-\mathrm{R} 4$ mate! | Any |


M. S. LIBIURKIN

WHITE TO PLAY AND WIN
"1234 Modern End-Game Studier" 1938

A charming and fascinating masterpiece of underpromotion!

White forces mate in 23 moves, in the course of which he "Knights" five Pawns, and permits Black to Queen three times!

A beauty if ever there was one!


Again, if $5 \mathrm{P}-\mathrm{K}$ t8 (Q), $\mathrm{P}-$ R5 draws!

| $5 \mathrm{P}-\mathrm{Kt8}(\mathrm{Kt})!$ | $\mathrm{P}-\mathrm{R} 5$ |
| :--- | :--- | :--- |
| $6 \mathrm{Kt}-\mathrm{B} 6$ | PxKt |
| $7 \mathrm{P}-\mathrm{K} 7$ | $\mathrm{P}-\mathrm{B} 4$ |
| $8 \mathrm{P}-\mathrm{K} 8(\mathrm{Kt})!$ | $\mathrm{P}-\mathrm{B} 5$ |



M. s. LIBIURKIN

WHITE TO PLAY AND WIN

First Prize-
"Vechernya Moscva" 1933
A fascinating production! No wonder it won first prize in a composing tourney!

Black threatens mate on the move by $1 \ldots$. P-B8 (Q), as well as $1 \ldots$ B-K4 and $2 \ldots$ K -Q7 mate; Therefore:
$1 \mathrm{Kt}-\mathrm{K} 4 \mathrm{ch}$
$2 \mathrm{Kt}-\mathrm{B} s \mathrm{ch}$
$3 \mathrm{Kt}-\mathrm{Kt} 3$
$4 \mathrm{P}-\mathrm{B} 4$

K-Q6
QxKt!
The only defence! Of course, if $4 \mathrm{~B} \times \mathrm{Q}, \mathrm{P} \times \mathrm{P}$ and Black wins in a hurry.

4 B-Kt4!
Once more $5 \mathrm{P} \times \mathrm{P}$ mate is White's menace!

$$
\begin{array}{lr}
4 \times \text { P } & \mathrm{B} \times \mathrm{B} \\
5 \mathrm{P} \times \mathrm{Pch}! & \mathrm{K}-\mathrm{R} 4 \\
6 \mathrm{P} \times \mathrm{Bch}! & \mathrm{K}-\mathrm{K} t 3
\end{array}
$$

Stalemate!
Quadruple pawns have their uses!

V. and M. PLATOV

WHITE TO PLAY AND DRAW
"Rigaer Tageblat"
1905

## A delightful setting!

No one would expect a perpetual check in such an open position, nor the capture of the Queen, which seems to have such freedom of action!
$1 \mathrm{P}-\mathrm{B} 4$

Threatening 2 B-K1 mate. Black cannot guard by 1. . . QK 5 as $2 \mathrm{~B}-\mathrm{Q} 8$ mate would follow.

| 1 |  | $\mathrm{B} \times \mathrm{P}$ |
| :---: | :---: | :---: |
| 2 | B-K1ch | K-Kts |
| 3 | B x Bch | K x P |

Forced, as $3 \ldots \mathrm{~K}-\mathrm{B} 6,4 \mathrm{~B}-$ Kt 2 ch , wins the Queen.

$$
4 \mathrm{~B}-\mathrm{Q} 2 \mathrm{ch} \quad \mathrm{~K}-\mathrm{K} 4
$$

Again forced, as the King dare not go to a White square.

Returning would only mean submitting to perpetual check.

$$
6 \text { B-Kt4ch } \quad \mathrm{K}-\mathrm{B} 2
$$

The King seeks a hiding place from the annoying Bishop.

$$
7 \text { B-R5ch K-Kt1 }
$$

And finds one-But-
8 B-Kt2
And the Queen is lost!
Drawn


One of the most beautiful of Rinck's endings!
The second move is startling-allowing Black to check on an open board!

1 Q-QKt1 K-Qs
The only way to stop White's threat of $2 \mathrm{Q}-\mathrm{Kt} 5 \mathrm{ch}, \mathrm{K}-\mathrm{Q}$, 3 Q-Q5 mate.

$$
2 \mathrm{Q}-\mathrm{K}+3!!
$$

Threatening 3 Q-Qs mate. Of course Black cannot play 2... $\mathrm{K} \times \mathrm{P}$ as $3 \mathrm{Q}-\mathrm{B} 2 \mathrm{ch}$ would win the Black Queen.

$$
\begin{array}{ll}
2 \\
3 & \mathrm{~K}-\mathrm{Q} 6 \\
\mathrm{Q} \times \mathrm{Pch} \\
\hline
\end{array}
$$

White threatens 4 Q-B3 mate. The Black Queen must remain on the long diagonal to prevent 4 Q -Q5 mate. If $3 \ldots \mathrm{Q}-\mathrm{Kt} 7$ or R8 then 4 Q-B3ch, K-K5,

5 Q-B6ch and wins the Queen.
$3 \ldots \quad$ Q-QR1
Now comes a neat forced win!

| 4 Q-K3ch | K-B5 |
| :--- | ---: |
| 5 Q-B3ch | K-Kt4 |
| 6 Q-Kt3ch | K-R3! |
| 7 Q-R4ch | K-Kt2 |
| 8 Q-Kt5ch | $\ldots .$. |

If $8 \ldots \mathrm{~K}-\mathrm{B} 1,9 \mathrm{Q}-\mathrm{Q} 7 \mathrm{ch}$, $\mathrm{K}-\mathrm{Kt1}, 10 \mathrm{Q}-\mathrm{B} 7$ mate.
8... K—R2

And now a quiet little move.
9 K -B7!
And wins as mate cannot be stopped.

V. A. KOROLIKOV

WHITE TO PLAY AND WIN

First Prize-
"Psavdi" 1929
A First Prize winner by the renowned wizard of endgame composition, Korolikov.

Weird and wonderful!
 $\mathrm{Kt} 2, \mathrm{P}-\mathrm{B} 8(\mathrm{Q})$ mate.

$$
1 \ldots \quad K-B 8
$$

If $1 \ldots \mathrm{~K} \times \mathrm{R}, 2 \mathrm{Q}-\mathrm{R} 6 \mathrm{ch}$ followed by $3 \mathrm{Q} \times \mathrm{P}$.

$$
\begin{array}{lr}
2 \mathrm{R}-\mathrm{Q} 1 \mathrm{ch} & \mathrm{~K} \times \mathrm{R} \\
3 \mathrm{~B}-\mathrm{R} 4 \mathrm{ch} & \mathrm{P}-\mathrm{K} t 6!
\end{array}
$$

As will be seen later, this is Black's best chance.

$$
\begin{array}{lr}
4 \mathrm{~B} \times \text { Pch } & \mathrm{K}-\mathrm{K} 8 \\
5 \mathrm{~B}-\mathrm{Kt} 4 \mathrm{ch} & \mathrm{Kt}-\mathrm{B} 6!
\end{array}
$$

Again Black sacrifices, so as to threaten stalemate later.

$$
6 \mathrm{~B} \times \mathrm{Ktch} \quad \mathrm{~K}-\mathrm{B} 8
$$

Black still threatens 6... BB6 mate. If White tries 7 B Q5, then $7 \ldots$ B-B6ch, 8 B x B stalemate!

| 7 | $\mathrm{~B}-\mathrm{B} 4!$ | $\mathrm{B} \times \mathrm{B}$ |
| ---: | :--- | ---: |
| 8 | $\mathrm{Q}-\mathrm{B} 5!$ | $\mathrm{B}-\mathrm{Q} 6$ |
| 9 | $\mathrm{Q}-\mathrm{K} t 5!!$ | $\mathrm{B} \times \mathrm{Q}$ |
| $10 \mathrm{P}-\mathrm{K} t 8(\mathrm{Kt})$ | $\mathrm{B}-\mathrm{Q} 6$ |  |
| 11 | $\mathrm{P}-\mathrm{R} 8(\mathrm{~B})!$ | $\ldots$ |

$11 \mathrm{P}-\mathrm{R} 8$ (B)!
Of course, if $11 \mathrm{P}-\mathrm{R8}(\mathrm{Q})$, B-Ksch, $12 \mathrm{Q} \times \mathrm{B}$ stalemate.

$$
11 \ldots \quad \mathrm{~B}-\mathrm{K} 7
$$

Again threatening $12 \ldots \mathrm{~B}-$ -B6ch, 13 B x B stalemate.

12 P-B8(R) !!
And wins.

K. A. L. KUBBEL

WHITE TO PLAY AND WIN

I-II Prize-
"Schacbmatny Listok"
1925
In this masterly First Prize winner, Black's clever defensive play is an entertaining feature.
$1 \mathrm{P}-\mathrm{B} 7$
R-K5c

If $2 \mathrm{~K}-\mathrm{B} 2, \mathrm{R}-\mathrm{K} 7 \mathrm{ch}, 3 \mathrm{~K}$ $\mathrm{Kt} 3, \mathrm{R}-\mathrm{K} 6 \mathrm{ch}$, with perpetual check. Or, if $2 \mathrm{~K}-\mathrm{B} 1, \mathrm{R}-\mathrm{K} 1$, $3 \mathrm{Kt}-\mathrm{Q} 8, \mathrm{~B}-\mathrm{K} 7 \mathrm{ch}, 4 \mathrm{~K}-\mathrm{B} 2$, B-R3 holds everything. On 2 $\mathrm{K} \times \mathrm{B}, \mathrm{R} \times \mathrm{Pch}$, followed by 3 . . . R-QB5 finishes White.

$$
\begin{array}{ll}
2 & \mathrm{~K}-\mathrm{Q} 2! \\
3 \mathrm{~K}-\mathrm{B} 3 & \mathrm{R} \times \mathrm{Pch} \\
\mathrm{~B}-\mathrm{K} t 5!!
\end{array}
$$

A subtle defence, as $4 \mathrm{~K} \times \mathrm{R}$, $B \times P$ (R6) and White cannot win.

$$
4 \mathrm{P} \times \mathrm{B} \quad \mathrm{R}-\mathrm{Q} 2!
$$

Another pretty idea! If 5 P -
$B 8(Q), R-B 2 c h, 6 Q \times R$ and Black is stalemate! If 5 P B8 (B), R-B2ch, followed by R×B.
Now how is White to protect his
Pawn?
$5 \mathrm{~K}-\mathrm{Kt} 4$ !
He doesn't!

$$
\begin{array}{ll}
5 \\
6 & \mathrm{~K} t-\dot{Q} 6!!
\end{array} \quad \mathrm{R} \times \mathrm{P}
$$

Threat-7 Kt-B5 mate.

$$
\begin{aligned}
& 6 \ldots \quad \mathrm{~K}-\mathrm{Kt} 2 \\
& 7 \mathrm{Kt}-\mathrm{K} 8 \mathrm{ch} \quad \mathrm{~K} \text { moves } \\
& 8 \mathrm{Kt} \times \mathrm{R} \\
& \quad \text { And wins. }
\end{aligned}
$$


T. B. GORGIEV

WHITE TO PLAY AND WIN

Third Prize-
"Spolku Ceskych Sachistu" 1934

White sacrifices two Queens to bring about a sparkling checkmate!

| Kt-Qsch | , |
| :---: | :---: |
| If $1 . . . \mathrm{K}-\mathrm{K} 3,2 \mathrm{P}$ - |  |
| $\mathrm{B} 8(\mathrm{Q}) \mathrm{ch}, \mathrm{R} \times \mathrm{Q}, 3 \mathrm{~B}-\mathrm{K} t 4 \mathrm{ch}$, |  |
| $\mathrm{K}-\mathrm{B} 2,4 \mathrm{~B} \times \mathrm{R}$ wins. |  |
| $2 \mathrm{P}-\mathrm{B8}$ (Q) | R x |
| Of course, if the King or the Bishop had captured, then simply $3 \mathrm{P}-\mathrm{R} 8(\mathrm{Q})$ wins. |  |
|  |  |
|  |  |
| $3 \mathrm{~B}-\mathrm{Kt4ch}$ | K-B3 |
| 4 BxR |  |

Black must prevent $5 \mathrm{P}-\mathrm{R} 8(\mathrm{Q})$.

| $4 \ldots$ | $B-K t 2$ |
| :--- | :--- |
| $5-Q_{3}$ | $\cdots$ |

Clearly Black cannot go in for $5 \ldots$ K x Kt, 6 B x Bch.

$$
\begin{array}{lr}
5 \text { M-R1 } \\
6 \text { K-B4 } & \text { B-Kt2 } \\
7 \text { P-R8(Q)! } & \cdots
\end{array}
$$

A beautiful sacrifice!

$$
\begin{array}{ll}
7 \ldots & B \times Q \\
8 \text { B-R6 } & \ldots
\end{array}
$$

Stopping 8 . . . $\mathrm{K}-\mathrm{Q} 2$, as 9
Kt-KtGch, would win the Bish.
op and the game.

$$
\begin{aligned}
& 8 \ldots \text { B-Kts mate! } \\
& 9-\mathrm{Kt2}
\end{aligned}
$$


A. S. GUREWITZ

WHITE TO PLAY AND DRAW
"Schachmat"
1926

A masterpiece of technique in the realm of end game composition!

That White can permit himself the luxury of two King moves in such a wide open position seems incredible, but Rinck shows that everything is under control!

| $1 \mathrm{~B}-$ Q7ch | $\mathrm{K}-\mathrm{K}$ ts | 8 |
| :---: | :---: | :---: |
| On 1 . . K-R6, White wins the Queen by $2 \mathrm{~B}-\mathrm{K} 7 \mathrm{ch}$, K R7, 3 R-R5ch, K moves, 4 R-Ktsch. |  | $\mathrm{R}-\mathrm{Kt8ch}$ followed by $9 \mathrm{R} \times \mathrm{Q}$. |
|  |  | 8 |
|  |  | Now threatening 9 R-R4 mate. |
|  |  |  |
| $2 \mathrm{~B}-\mathrm{K} 7 \mathrm{ch}$ | K-B5 | h |
| ${ }_{4}^{3} \mathrm{~B}$ B-K6ch | K-Q5 |  |
| $5 \mathrm{~K}-\mathrm{K} 2$ ! ! |  | If Black plays 9 ... $\mathrm{Q}-\mathrm{Q}^{1}$ (to stop $\mathrm{R}-\mathrm{R} 4$ mate) then 10 |
| Threatens 6 R-R4 mate. Strangely enough, Black's Queen has no checks! |  | B-Ksch, K-R8, $11 \mathrm{R}-\mathrm{Kt1}$ |
|  |  |  |
| 5... K-B5 |  | $10 \mathrm{R}-\mathrm{R} 4 \mathrm{ch}$ ( ${ }^{\text {O-R6 }}$ |
| $\begin{aligned} & 6 \mathrm{R}-\mathrm{R} 4 \mathrm{ch} \\ & 7 \mathrm{R}-\mathrm{Kt} 4 \mathrm{ch} \end{aligned}$ | K-Kt6 | $11 \mathrm{~B}-\mathrm{K} 5 \mathrm{ch} \quad \mathrm{K}-\mathrm{R} 8$ |
|  | K-R7 | 12 Rx Q mate. |

A scintillating jewel!
The Black King goes from King Rook four to Queen Rook four and back again, but cannot evade perpetual check by a single Knight!
1 R-K6ch
K-B4
Of course not 1 . . K-Q4, 2 P-B4ch, 3 R-B6 mate.


Best, as it permits the Queen to check after the King moves.
$\begin{array}{lr}3 \mathrm{Kt}-\mathrm{Q} 4 \mathrm{ch} & \mathrm{K}-\mathrm{Kt} 4 \mathrm{ch} \\ 4 \mathrm{Kt}-\mathrm{K} 6 \mathrm{ch} & \mathrm{K}-\mathrm{R} 4\end{array}$
Now the White Knight is pin-ned-but

| $5 \mathrm{R}-\mathrm{KR} 1!$ | QxR |
| :--- | ---: |
| $6 \mathrm{Kt}-\mathrm{Kt7ch}$ | $\mathrm{~K}-\mathrm{Kt} 4$ |
| $7 \mathrm{Kt}-\mathrm{K} 6 \mathrm{ch}$ | $\mathrm{K}-\mathrm{B} 4$ |
| $8 \mathrm{Kt}-\mathrm{Q} 4 \mathrm{ch}$ | $\mathrm{K}-\mathrm{K} 4$ |


| $9 \mathrm{Kt}-\mathrm{B} 6 \mathrm{ch}$ | $\mathrm{K}-\mathrm{Q} 4$ |
| ---: | :--- | ---: |
| $10 \mathrm{Kt}-\mathrm{K} t 4 \mathrm{ch}$ | $\mathrm{K}-\mathrm{B} 4$ |
| $11 \mathrm{Kt}-\mathrm{R} 6 \mathrm{ch}$ | $\mathrm{K}-\mathrm{Kt} 4$ |
| $12 \mathrm{Kt}-\mathrm{B} 7 \mathrm{ch}$ | $\ldots .$. |

$12 \mathrm{Kt}-\mathrm{B} 7 \mathrm{ch}$
$\mathrm{K}-\mathrm{Kt} 4$

Black cannot move his King to R 4 , as $13 \mathrm{P}-\mathrm{Kt4}$ mates. Therefore:

| $12 \ldots \mathrm{~K}-\mathrm{B} 5$ |  |
| :--- | ---: |
| $13 \mathrm{Kt}-\mathrm{R} 6 \mathrm{ch}$ | $\mathrm{K}-\mathrm{Q} 4$ |
| $14 \mathrm{Kt}-\mathrm{Kt4ch}$ | $\mathrm{~K}-\mathrm{K} 4$ |
| $15 \mathrm{Kt}-\mathrm{B} 6 c_{1}^{\prime}$ | $\mathrm{K}-\mathrm{B} 4$ |
| $16 \mathrm{Kt}-\mathrm{Q} 4 \mathrm{ch}$ | $\mathrm{K}-\mathrm{Kt} 4$ |
| $17 \mathrm{Kt}-\mathrm{K} 6 \mathrm{ch}$ | $\mathrm{K}-\mathrm{R} 4$ |
| $18 \mathrm{Kt}-\mathrm{K} t 7 \mathrm{ch}$ |  |
| Drawn, by perpetual check. |  |

B. A BRON

WHITE TO PLAY AND WIN


A highly interesting example of "Domination" combined with "Zugzwang."
1 B-Kt 6
$\mathrm{K}-\mathrm{Kt} 2$

Black begins to chase the Bishop, which seems to have no escape.
$2 \mathrm{~B}-\mathrm{QR} 5$
$3 \mathrm{Kt}-\mathrm{Q} 2!$


So that if, $3 \ldots \mathrm{~K} \times \mathrm{B}, 4 \mathrm{Kt} \mathrm{x}$ Pch, K-R3 (4 . . K-R5, 5 Kt-Kt6ch) 5 Kt-Q 6 ch wins the Rook.


$$
6 \text { B-Kt2! } \quad \text { R-K3 }
$$

The only way to stop 7 B-B6
mate, as $6 \ldots \mathrm{R}-\mathrm{QB} 1,7 \mathrm{Kt}-$ Kt6ch fails.

$$
7 \mathrm{~B}-\mathrm{Q} 5 \quad \mathrm{R}-\mathrm{R} 3
$$

Again forced.
8 B-B7!
K-Kt4
Again, Black cannot prevent 9 B-K8ch by 8 . . R-R1 as 9 Kt-Ktbch wins the Rook.

9 B-K8ch
R-B3
$10 \mathrm{~K}-\mathrm{Q} 3!\quad \mathrm{P}-\mathrm{B} 4$
$11 \mathrm{Kt}-\mathrm{K} 5$
And wins.

A. P. KASANTZEV

WHite to play and win

## "Zadachi i Etiudi"

1936
The Black Queen dashes madly about-like the Red Queen in "Alice in Wonderland"-with the same result! Highly interesting is the Rook's climb up the staircase!

$$
\begin{array}{lc}
1 \mathrm{Kt}-\mathrm{B} 8 \mathrm{ch} & \mathrm{~K}-\mathrm{R} 4 \\
2 \mathrm{P}-\mathrm{B} 8(\mathrm{Q}) & \cdots
\end{array}
$$

The purpose of this deep sacrifice will be seen later.

$$
\begin{array}{ll}
2 \dot{\mathrm{Kt}} \dot{\mathrm{~B}} 5 & \mathrm{Kt} \times \mathrm{Q} \\
3
\end{array}
$$

hreatening mate by 4 KtxP $(\mathrm{K}+3)$. The Queen, in parrying this threat, must also keep an eye on the other Kt Pawn, as after $3 . . \mathrm{Q}-\mathrm{Kt1}, 4 \mathrm{Ktx} \mathrm{P}$ (Kt7) is mate.

$$
\begin{aligned}
& 3 \ldots \mathrm{R}-\mathrm{B} 4!\quad \mathrm{Q}-\mathrm{QB} 2! \\
& 4!
\end{aligned}
$$

Again, $5 \mathrm{Kt} \times \mathrm{P}(\mathrm{K} t 3)$ mate is the threat. Clearly, if $4 \ldots \mathrm{Qx}$ $\mathrm{R}, 5 \mathrm{KtxP}$ (Kt7) mate.

$$
\begin{array}{lc}
4 \ldots \\
5 \mathrm{R}-\mathrm{Q} 4! & \mathrm{Q}-\mathrm{B} 6! \\
\hline . .
\end{array}
$$

Now the threat is $6 \mathrm{Kt} \times \mathrm{P}(\mathrm{Kt} 7)$
mate. If $5 \ldots \mathrm{Q} \times \mathrm{R}, 6 \mathrm{Kt} \times \mathrm{P}$ (Kt3) mate.

$$
\begin{gathered}
5 \dot{\mathrm{R}}-\dot{\mathrm{Q}} 6!\quad \mathrm{Q}-\mathrm{B} 2! \\
\hline \cdots
\end{gathered}
$$

Again threatening $7 \mathrm{Kt} \times \mathrm{P}$ ( Kt 3 ) mate.

7 R-MB6!
Q-B6!
Once more White's menace is 8 Kt $x P(K t 7)$ mate!

$$
\begin{array}{lr}
7 . \ldots \\
8 \mathrm{R}-\mathrm{B} 7!! & \mathrm{Q}-\mathrm{B} 2! \\
\ldots
\end{array}
$$

Now the point of White's second move is clear! If the Black Knight were still at Kt 3 , Black could now play $8 \ldots$ Q-B1, pin the Knight and win!
$\begin{array}{rrr}8 . \ldots \times \dot{P}(\mathrm{Kt7}) \mathrm{ch} & \text { Q-K4 } \\ 9 \mathrm{Kt} \times \mathrm{Kt} \\ 10 \mathrm{R} \times \mathrm{Q} & \text { Any } \\ 11 \mathrm{R}-\mathrm{R} 7 \text { mate. } & \end{array}$

S. R. BARRETT

WHITE TO PLAY AND WIN

White wins by a zig-zag climb up the ladder, and then swoops down for the mate!

Perhaps the earliest illustration of the "ladder" theme, and still one of the prettiest!

$$
1 \mathrm{Q}-\mathrm{B} 3
$$

The Pawn must be pinned!

$$
1 \ldots \quad \mathrm{~K}-\mathrm{Kt8}
$$

Threatening to Queen the Rook's Pawn.

$$
2 \mathrm{Q}-\mathrm{Q} 3 \mathrm{ch} .
$$

Which drives the King back.

$$
\begin{array}{ll}
2 . & \mathrm{K}-\mathrm{R} 8 \\
3 \text { Q-Q4 } & \cdots
\end{array}
$$

The pinning and driving back process continues!
3...

K-Kt8
Note that Black has no choice.

| 4 Q-K4ch | K-R8 |
| :--- | :--- | ---: |
| 5 Q-K5 | K-Kt8 |
| 6 Q-B5ch | K-R8 |
| 7 Q-B6 | K-Kt8 |
| 8 Q-Kt6ch | K-R8 |
| 9 Q-Kt7 | K-Kt8 |
| 10 Q-R7ch | K-R8 |
| 11 Q-R8 | K-Kt8 |
| 12 Q-R1 mate. |  |

F. M. SIMKOVITSCH

White to play and draw


A remarkable drawing maneuver! White draws by passing! One of the most original ideas I have ever seen!

| 1 | B-B7ch | $\mathrm{K}-\mathrm{Q} 2$ |
| :--- | :--- | ---: |
| 2 | B-K6ch | $\mathrm{K}-\mathrm{Q} 3$ |
| 3 | B-B4ch | $\mathrm{K}-\mathrm{B} 4$ |
| 4 | B-K3ch | $\mathrm{K}-\mathrm{Kt5}$ |
| 5 | B-Q2ch | $\mathrm{K}-\mathrm{R} 6$ |
| 6 | $\mathrm{~K}-\mathrm{K} t 1!$ | $\mathrm{Q} \times \mathrm{Kt}$ ! |

Vacating the square $K+2$, so that if White begins checking again, the King will have a place of refuge!

$$
7 \mathrm{~K}-\mathrm{R} 1!!
$$

White simply passes!

$$
\begin{align*}
& 7 \\
& 8 \\
& \mathrm{~K}
\end{align*} \dot{\mathrm{~K} t 1!!}
$$

White passes again!

$$
8 \ldots \quad Q-R 3
$$


A. S. GUREWITZ

WHITE TQ PLAY AND DRAW

Fourth Prize-
"Molota" 1928
Who is stalemate?
First it's White, then Black, and then White-but you'd better see for yourself!

| $\begin{aligned} & 1 \mathrm{~K}-\mathrm{B} 5 \mathrm{ch} \\ & 2 \mathrm{~B}-\mathrm{R} 6 \mathrm{ch} \end{aligned}$ | $\underset{\mathrm{K} \times \mathrm{B}}{\mathrm{~K}+2}$ | ture his Queen, as the Rook will fall. |  |
| :---: | :---: | :---: | :---: |
| Of course not 2 | K-Kt |  | Kt-B6 |
| $3 \mathrm{R}-\mathrm{K} \mathbf{t} 8$ mate. |  | $6 \mathrm{R} \times \mathrm{Q}$ | Kt $\times$ RPch |
|  |  | $7 \mathrm{~K}-\mathrm{B} 4$ | Kt-Kt3ch |
| 3 P -Ktsch | $\mathrm{K}-\mathrm{Kt2}$ | $8 \mathrm{~K}-\mathrm{B} 5$ | Kt $\times$ R |

Black is now a piece ahead, but9 P-R4!

And now, Black has only one move left!
9... Kt-Kt3

And White has none!
Stalemate!


Did the poet have this "perpetual stalemate merry-goround" in mind when he wrote:
"And around, and around, and around they go, heel to heel, and toe to toe"?

An artistic study!

| 1 | $\mathrm{P}-\mathrm{R} 7$ | $\mathrm{~B}-\mathrm{Kt7}$ |
| :--- | :--- | ---: |
| 2 | $\mathrm{P}-\mathrm{K} 7$ | $\mathrm{~K} \times \mathrm{P}$ |
| 3 | $\mathrm{P}-\mathrm{R} 8(\mathrm{Q})$ | $\mathrm{Kt}-\mathrm{Q} 3 \mathrm{ch}$ |
| 4 | $\mathrm{~K}-\mathrm{K} 5!$ | $\ldots$. |

As $4 \ldots \mathrm{~B} \times \mathrm{Q}$ leaves White stalemate!

$$
\begin{array}{lr}
4 . \cdots \\
5 \dot{K}-\mathrm{B} s! & \mathrm{Kt}-\mathrm{B} 2 \mathrm{ch} \\
\ldots
\end{array}
$$

Again if $5 \ldots \mathrm{Bx}$ Q, stalemate.

$$
\begin{array}{rr}
5 \\
6 \mathrm{~K}-\mathrm{K} 5! & \mathrm{Kt}-\mathrm{R} 3 \mathrm{ch} \\
\cdots \cdots
\end{array}
$$

Once more, if $6 \ldots \mathrm{~B} \times \mathrm{Q}$ stalemate.
6....
$\mathrm{Kt}-\mathrm{K} \mathrm{t} s \mathrm{ch}$
$7 \mathrm{~K}-\mathrm{B} 5$ !
Black still cannot capture!

| 7 | Kt-K6ch |
| :---: | :---: |
| 8 |  |

And not now, either!

$$
\begin{array}{lr}
8 \underset{\mathrm{~K}}{-\mathrm{B} s!} \quad \mathrm{Kt}-\mathrm{B} 5 \mathrm{ch} \\
9 .
\end{array}
$$

Black must be furious by this time!

$$
{ }^{9} \underset{\text { Drawn. }}{\text { K.K. }}
$$

White might ask "Shall we go around again?"

L. EHRLICH

A masterpiece of beauty and finesse!
The apparent simplicity of the position serves but to hide the subtle snares which are concealed within!

$$
\begin{aligned}
& 1 \text { P-B7! R-R4ch!! } \\
& \begin{array}{l}
3 \mathrm{~B}-\mathrm{B} 6! \\
\text { R-B8Ch }
\end{array}
\end{aligned}
$$ White must choose one of five squares for his next move. Only one is the right square! Going to any of the other four allows a draw!

If $2 \mathrm{~K}-\mathrm{Q}$, $\mathrm{R} \times \mathrm{Bch}, 3 \mathrm{~K} \times \mathrm{R}$, $\mathrm{K}-\mathrm{Kt} 2$, $4 \mathrm{~K}-\mathrm{Q} 6, \mathrm{~K}-\mathrm{B} 1,5$ K-B6 stalemate!
If $2 \mathrm{~K}-\mathrm{Q} 4, \mathrm{R} \times \mathrm{Bch}, 3 \mathrm{~K} \times \mathrm{R}$, K-Kt2, $4 \mathrm{~K}-\mathrm{Q} 6, \mathrm{~K}-\mathrm{B} 1,5$ $\mathrm{K}-\mathrm{B} 6$ stalemate!
If $2 \mathrm{~K}-\mathrm{B} 6, \mathrm{R} \times \mathrm{B}$ (Now if 3 $\mathrm{K} \times \mathrm{B}$, Black draws as above) 3 P—B8(Q), R—Bsch! $4 \mathrm{~K} \times \mathrm{R}$ stalemate!
If $2 \mathrm{~K}-\mathrm{Kt} 4, \mathrm{R}-\mathrm{Kt} 5 \mathrm{ch}$ ! (Of course $3 \mathrm{~K} \times \mathrm{R}$ stalemates Black) $3 \mathrm{~K}-\mathrm{B} 5, \mathrm{R}-\mathrm{Kt} 1$ ! $4 \mathrm{~B}-\mathrm{K} 6$, R-QB1, 5 B x R, K-Kt3 fol lowed by 6 . . K x P draws.
The only move to win is-

$$
2 \mathrm{~K}-\mathrm{B} 4!
$$

R-R8
Threatening, if $3 \mathrm{P}-\mathrm{B} 8(\mathrm{Q})$, $\mathrm{R}-\mathrm{B} 8 \mathrm{ch}$, winning the Queen.

White to play and win
"Wiener Schachzeitung"
1928 Now if 4 K-Kt (to protect the Bishop) R-Kt8ch, 5 K$\mathrm{B} 5, \mathrm{R}-\mathrm{Kt} 1$ ! draws, as with the loss of the Pawn, White cannot win.

$$
4 \mathrm{~K}-\mathrm{Qs} \quad \mathrm{R}-\mathrm{Q} 8 \mathrm{ch}
$$

Again, White has to be careful! If $5 \mathrm{~K}-\mathrm{K} 4, \mathrm{R}-\mathrm{K} 8 \mathrm{ch}, 6 \mathrm{~K}-$ B3, R-K1, 7 BxR, K-Kt2 draws.

| $5 \mathrm{~K}-\mathrm{K} 6$ | $\mathrm{R}-\mathrm{K} 8 \mathrm{ch}$ |
| :--- | ---: |
| $6 \mathrm{~K}-\mathrm{B} 7$ | $\mathrm{R}-\mathrm{B} 8 \mathrm{ch}$ |
| $7 \mathrm{~K}-\mathrm{K}+7$ | $\mathrm{R}-\mathrm{K} t 8 \mathrm{ch}$ |

A last pitfall! If White plays 8 K-R8, R-Kt8! 9 P-B8 (Q), R-Kt1 pins the Queen and draws. Against any other ninth move of White, Black still plays $9 \ldots \mathrm{R}-\mathrm{Kt1}$ and draws! 8 K-R7!!

And wins.
Black cannot stop the Queening ceremony!

F. M. Simikovitsch

WHITE TO PLAY AND DRAW
"Italia Schachistika"
1924
As ingenious as any of the endings of Simkovitsch! White is a Rook behind, but draws by sacrificing the Knight, exchanging Rooks and leaving himself with a lone King against King, Rook and Bishop!

That Black cannot force a break-through seems unbelievable!

| $1 \mathrm{Kt-B7}$ |  |
| :---: | :---: |
| If $1 \ldots \mathrm{R}-\mathrm{B} 1,2 \mathrm{R}-\mathrm{B} 3 \mathrm{ch}$, |  |
| K-Kt3, $3 \mathrm{Kt}-\mathrm{K} 5 \mathrm{ch}, \mathrm{K}-\mathrm{Kt2}$, |  |
| $4 \mathrm{R}-\mathrm{Kt} 3 \mathrm{ch}$, and Black cannot |  |
| escape perpetual check by the |  |
|  |  |
| 1. | R-K1 |
| 2 Kt -Q6ch! | PxKt |
| $3 \mathrm{R}-\mathrm{B} 3 \mathrm{ch}$ | K-Kt3 |
| $4 \mathrm{R}-\mathrm{Kt} 3 \mathrm{ch}$ | K-B2 |
| $5 \mathrm{R}-\mathrm{B} 3 \mathrm{ch}$ | K-K2 |
| $6 \mathrm{R}-\mathrm{K} 3 \mathrm{ch}$ | K-Q1 |
| $7 \mathrm{R} \times \mathrm{Rch}$ ! | $\mathrm{K} \times \mathrm{R}$ |
| $8 \mathrm{P}-\mathrm{R} 3$ ! | B-Kt2 |
| $9 \mathrm{~K}-\mathrm{Q} 1$ | K-B2 |


| $10 \mathrm{~K}-\mathrm{K} 1$ | $\mathrm{R}-\mathrm{R} 1$ |
| :--- | :--- |
| $11 \mathrm{~K}-\mathrm{B} 1$ | $\mathrm{R}-\mathrm{R} 1$ |
| $12 \mathrm{~K}-\mathrm{K} 11$ | $\mathrm{R}-\mathrm{K} 1$ |
| $13 \mathrm{~K}-\mathrm{B} 1$ | $\mathrm{~K}-\mathrm{B} 3$ |

Black tries a different way of forcing an entrance.
$14 \mathrm{P}-\mathrm{KKt} 3$
K—B4
$15 \mathrm{P}-\mathrm{B} 3$
R-K6
$16 \mathrm{~K}-\mathrm{B} 2$ !
. . . .

The Rook must retreat, as 16 ... $\mathrm{R}-\mathrm{Q} 6,17 \mathrm{~K}-\mathrm{K} 2$ and the Rook is trapped!

$$
16 \underset{\text { Drawn. }}{16-\mathrm{K} 1} \quad \mathrm{R}-\mathrm{K} 1
$$

A. A. TROITZKY

White to play and win
"Deutsche Schacbzeitung"
1909
A sharp and fierce struggle takes place before the entertaining finish!

A simpler setting of this composition appears in S. S. Van Dine's excellent detective novel "The Bishop Murder Case."
Now if White replies $2 \mathrm{~K}-\mathrm{Ks}$, R $\times$ Bch, followed by 3 . . . Kt-

| $4 \mathrm{~B} \times \mathrm{Kt}$ | $\mathrm{R} \times \mathrm{Pch}$ |
| :--- | ---: |
| $5 \mathrm{Kt}-\mathrm{Q} 5 \mathrm{Ch}!$ | $\mathrm{R} \times \mathrm{Ktch}$ |
| $6 \mathrm{~K} \times \mathrm{R}$ | $\mathrm{K}-\mathrm{B} 2$ | R3 stops the Pawn.

$$
\begin{array}{lc}
2 \mathrm{~K}-\mathrm{Q} 6 & \mathrm{Kt}-\mathrm{R} 3 \\
3 \mathrm{~B}-\mathrm{Q} 3 \mathrm{ch} & \ldots .
\end{array}
$$

Should Black reply 3... KR4, then 4 BxKt , RxPch, 5 Kt-Q5, and the Pawn goes on to Queen.
3...

K-Kt3!

How is White to force a win? If $7 \mathrm{~K}-\mathrm{B} 5, \mathrm{~K}-\mathrm{Kt1}, 8 \mathrm{~K}-\mathrm{Q} 6$, stalemate!

$$
7 \mathrm{P}-\mathrm{Kt8}(\mathrm{Q}) \mathrm{ch}!
$$

An unexpected sacrifice!



Two masterpieces in one setting!
After White's brilliant second move, Black has two excellent lines of play, against either of which White draws beautifully!

V. A. KOROLIKOV WHITE TO PLAY AND WIN

I-II Prize-
"Chess in U.S.S.R."
$\$ 934$
Clever attack and counter-attack feature this ending, not the least entertaining part being the up-hill zig-zag climb of the White Bishop!

The solution is sprinkled with surprise moves!

White has things to worry about! For instance $1 \ldots \mathrm{P}-\mathrm{R} 8(\mathrm{Q})$, or $1 \ldots$ R-Q1 followed by 2 .. $\mathrm{B}-\mathrm{K}_{\mathrm{t}} 7$ mate.

$$
1 \mathrm{Q}-\mathrm{K} \mathrm{t} 7!\quad \mathrm{P}-\mathrm{K} 5!
$$

Again threatening to Queen.
$2 \mathrm{Q} \times \mathrm{KP} \quad \mathrm{R}-\mathrm{K} 1$
Not $2 \ldots \mathrm{R}-\mathrm{Q} 1,3 \mathrm{~B}-\mathrm{Q} 3$. Now, however, if the Queen moves along the diagonal (to stop the Rook Pawn) Black plays $\mathrm{R}-\mathrm{K} 8$ mate.

$$
3 \text { P-R7! }
$$

So that if $3 \ldots \mathrm{R} \times \mathrm{Q}, 4 \mathrm{P}$ R8(Q) mate.
$3 \ldots$
$4 \mathrm{P}-\mathrm{R} 8(\mathrm{Q}) \mathrm{Ph}-\mathrm{R} 8(\mathrm{Q})$
$\mathrm{R} \times \mathrm{Q}$
$5 \mathrm{Q} \times \mathrm{Q}$

Again threatening mate.

$$
6 \mathrm{~B}-\mathrm{K} 2!
$$

Black cannot capture the Bishop, as Q-R8 mate would follow, so he threatens a different mate.

| 6 |  | $\mathrm{R}-\mathrm{Q} 1$ |
| ---: | :--- | ---: |
| 7 | $\mathrm{~B}-\mathrm{Q} 3!$ | $\mathrm{R}-\mathrm{K} 1$ |
| 8 | $\mathrm{~B}-\mathrm{K} 4!$ | $\mathrm{R}-\mathrm{Q} 1$ |
| 9 | $\mathrm{~B}-\mathrm{Q} 5!$ | $\mathrm{R}-\mathrm{K} 1$ |
| 10 | $\mathrm{~B}-\mathrm{K} 6!$ | $\mathrm{R}-\mathrm{Q} 1$ |
| $11 \mathrm{~B}-\mathrm{Q} 7!$ |  |  |

And wins, as Black's threats are exhausted!

M. S. LIBIURKIN

WHITE TO PLAY AND WIN
"Cbess in U.S.S.R." 1934

The theme occurred in a "lightning" game played between Dr. Lasker and Capablanca in 1914.

Libiurkin provides a brilliant orchestration!

$$
\begin{array}{llr}
1 & \mathrm{P}-\mathrm{Kts} & \mathrm{Kt}-\mathrm{Kt1} \\
2 & \mathrm{R}-\mathrm{R} 8! & \mathrm{Kt}(\mathrm{~B} 1)-\mathrm{Q} 2 \\
3 & \mathrm{~K}-\mathrm{B} 7 & \mathrm{~K}-\mathrm{R} 2 \\
4 & \mathrm{R}-\mathrm{K} 8! & \cdots \cdot
\end{array}
$$

Not $4 \mathrm{R}-\mathrm{Q} 8, \mathrm{Kt}-\mathrm{B} 4,5 \mathrm{Rx}$ $\mathrm{Kt}, \mathrm{Kt}-\mathrm{K} 3 \mathrm{ch}, 6 \mathrm{~K}-\mathrm{B} 8, \mathrm{Kt}-$ B4, and White cannot get his Rook out!
After the text, if Black plays 4 . . . Kt-B4, White wins by $5 \mathrm{R}-\mathrm{K} 7$, Kt-R5, $6 \mathrm{~K}-\mathrm{B} 8 \mathrm{ch}$, K-R1, 7 R-QKt7.

$$
\begin{aligned}
& 4 \\
& 5
\end{aligned} \dot{R} \dot{K} \quad \underset{K t}{ }-K B 3!
$$

So that, if 6 RxKt , stalemate.

Perfect co-operation by the White Knight and Bishop brings about a "zugswang" position! The White King assists with some quiet moves that are highly important!

1 P-K6
Threatens $2 \mathrm{P}-\mathrm{K} 5$ mate.

| 1 B.BS | QxKP |
| :--- | ---: |
| 2 Q-K4 |  |

The Pawn must be blocked!
$3 \mathrm{~K}-\mathrm{Q} 1$
To keep the Black King out of B7.
3... $\quad \mathrm{P}-\mathrm{K} 3$

Of course, the Queen dare not move.

$$
4 \mathrm{~B}-\mathrm{KtG} \quad \mathrm{Q}-\mathrm{Kt} 2!
$$

If $5 \ldots \mathrm{Q} \times \mathrm{Kt}, 6 \mathrm{P}-\mathrm{K} 5$ mate,
5... P-K4

Now Black threatens $6 \ldots$ Qx $6 \mathrm{Kt}-\mathrm{B} 6$
A new threat $-7 \mathrm{Kt}-\mathrm{Kt} 4$ mate!

$$
\begin{array}{lr}
6 \times \because 0 & P-R 4 \\
7 \text { KtxPch!! } & Q \times K t \\
8 & \text { B-B5! }
\end{array}
$$

The best chance. White could spoil things by hasty play, such as $9 \mathrm{~B} \times \mathrm{Qch}$.

| $9 \mathrm{~K}-\mathrm{B} 1!!$ | $\mathrm{Q} \times \mathrm{B}$ |
| :--- | ---: |
| $10 \mathrm{P} \times \mathrm{Q}$ | $\mathrm{P}-\mathrm{Kts}$ |
| $11 \mathrm{~K}-\mathrm{Q} 1!$ |  |

And wins, as the Black Pawn is stopped!

A. A. TROITZKY

WHITE TO PLAY AND WIN
"Deutsche Schachzeitung"
1910
Masterly combination play forces the win of the Black Queen!

The White King takes a hand in the proceedings with two "quiet" but highly forceful moves !

$$
\begin{array}{ll|l}
1 \\
\mathrm{Q} & \mathrm{~K} t \sigma \mathrm{ch} & \mathrm{~K}-\mathrm{K} 4 \\
\mathrm{~K} & \mathrm{~K}-\mathrm{Q} 8!
\end{array}
$$

Not $1 . . . \mathrm{K}-\mathrm{Q} 6$ (or Ks) 2 Q-K3 mate.

$$
2 \mathrm{Q}-\mathrm{B} 7 \mathrm{ch}
$$

Black cannot return to $Q 5$ as $3 \mathrm{Kt}-\mathrm{B} 3 \mathrm{ch}$, K-Ks, 4 QR7ch, wins the Queen.

$$
\begin{array}{lc}
2 \dot{K}-B_{3} & \mathrm{~K}-\mathrm{K} 3 \\
3 \mathrm{Kt} & \cdots
\end{array}
$$

Threatening $4 \mathrm{Kt}-\mathrm{Q} 4$ mate.

$$
\begin{array}{lr}
3 \ldots \\
4 \mathrm{~K}-\mathrm{B} 8! & \mathrm{Q}-\mathrm{Kt} 6 \mathrm{ch} \\
\ldots
\end{array}
$$

Black must now capture the Knight, to avoid $5 \mathrm{Kt}-\mathrm{Q} 4$ mate, as well as $5 \mathrm{Q}-\mathrm{Q} 7$ mate.
4... Qx Kt Winning the Queen on the rank!

A "quiet" move! White threatens 6 Q-K7 mate! Black cannot make room for his King with $5 \ldots \mathrm{P}-\mathrm{Q}$, as $6 \mathrm{Q}-$ K7ch, K-Q4, 7 Q-Kt7ch, wins his Queen.

| 5 | Q-QR6! |
| :---: | :---: |
| 6 Q-Q7ch | K-K4 |
| 7 Q-BSch | K-Qs |
| 8 Qx BPch | K-Ks |
| 9 Q-Bsch | $\mathrm{K}-\mathrm{Q}$ S |
| 10 Q-B4ch! | . . . |

If Black moves $10 \ldots \mathrm{~K}-\mathrm{B} 4$, 11 Q-B8ch, wins the Queen on the diagonal!

$$
\begin{aligned}
& 10 \ldots \text { K-Q } \\
& 11 \mathrm{Q} 3 \mathrm{ch}
\end{aligned}
$$


H. Mattison

WHITE TO PLAY AND DRAW

II Prize-
"Schweizerische
Schachzeitung" 1924
Had Mattison composed nothing else but this beauty, his fame would have been secure, as it is undoubtedly a masterpiece!
Black's immediate threat is $1 \ldots$ $\mathrm{P}-\mathrm{Kt8}(\mathrm{Q}) \mathrm{ch}$.

1 R-R8ch
Should Black move 1 . . . KQ 2 , White plays $2 \mathrm{R}-\mathrm{QK}+8$, $\mathrm{Kt}-\mathrm{Kt} 4,3 \mathrm{P}-\mathrm{B} 8(\mathrm{Q}) \mathrm{ch}$, and wins.
$\begin{array}{ll}1 & \ldots \mathrm{R}-\mathrm{QK}+8 \quad \begin{array}{r}\mathrm{K}-\mathrm{B} 2 \\ \mathrm{Kt}-\mathrm{Kt} 4\end{array}, ~\end{array}$
To cut off the Rook. White cannot play $3 \mathrm{P}-\mathrm{B8}(\mathrm{Q})$ as Black replies 3 . . P-Kt8 (Q) mating on the move!
Or, if White tries $3 \mathrm{RxKt}, \mathrm{Px}$ $\mathrm{R}, 4 \mathrm{P}-\mathrm{B} 8(\mathrm{Q})$, then Black wins by $4 \ldots \mathrm{P}-\mathrm{Kt} 8(\mathrm{Q}) \mathrm{ch}$, $5 \mathrm{~K}-\mathrm{Q} 4, \mathrm{Q}-\mathrm{Kt5ch}, 6 \mathrm{~K}-\mathrm{Q} 3$, Q-Q7ch, $7 \mathrm{~K}-\mathrm{K} 4, \mathrm{Q}-\mathrm{K} 6$ mate.
$3 \mathrm{R}-\mathrm{B} 8 \mathrm{ch}$ !
Now 3 . . K $\times$ R loses by 4 $\mathrm{P}-\mathrm{B} 8(\mathrm{Q}) \mathrm{ch}, \mathrm{K}-\mathrm{B} 2,5 \mathrm{Q}-$ $\mathrm{B} 2, \mathrm{P}-\mathrm{Kt} 8(\mathrm{Q}), 6 \mathrm{Q} \times \mathrm{Q} \mathrm{Kt}-$ B6ch, 7 K-Q3, Kt x Q, 8 PR7.

3 . . . K-Kt3!

Tempting is $4 \mathrm{R}-\mathrm{B} 1$, but it loses as follows: $4 \mathrm{R}-\mathrm{B} 1, \mathrm{~B}-$ B8, 5 Kt-B4ch, K-R2, 6 $\mathrm{Kt}-\mathrm{Q} 3, \mathrm{P}-\mathrm{Kt8}(\mathrm{Q}), 7 \mathrm{P}-$ B8 (Q), Kt-B6ch!, $8 \mathrm{Q} \times \mathrm{Kt}$, Q-Kt2ch, $9 \mathrm{~K}-\mathrm{Q} 4, \mathrm{Q}-\mathrm{Q} 4$
mate.
$4 \mathrm{Kt}-\mathrm{B} 4 \mathrm{ch}!\quad \mathrm{K}-\mathrm{R} 2$
$5 \mathrm{R}-\mathrm{R8ch}$ ! $\mathrm{K} \times \mathrm{R}$
$6 \mathrm{P}-\mathrm{B} 8(\mathrm{Q}) \mathrm{ch} \quad \mathrm{K}-\mathrm{R} 2$
7 Q-B2!
Threatens 8 QxP as well as $8 \mathrm{~K}-\mathrm{K} 3$ discovered check.
$7 \ldots \quad \mathrm{P}-\mathrm{Kt8}(\mathrm{Q})$
After $8 \mathrm{Q} \times \mathrm{Q}, \mathrm{Kt}$-B6ch, fol lowed by 9 . . . Kt x $Q$ and Black wins.
$8 \mathrm{~K}-\mathrm{K} 3 \mathrm{ch}!!\quad \mathrm{Q} \times \mathrm{Q}$
Had Black at his seventh move played $\mathrm{P}-\mathrm{Kt} 8$ (B) pinning the Queen and avoiding the above stalemate, then $8 \mathrm{Kt}-\mathrm{Q} 3$ ! unpins the Queen, and if then $8 \ldots$ B x Q, White is again stalemated beautifully!!


Gorgiev provides another enjoyable treat with this artistic conception!

White's only chance to draw is to win the Queen, but in doing so, he is forced to allow his Rook to be pinned! It looks hopeless then, but a quiet little Pawn saves the day!

## $1 \mathrm{Kt}-\mathrm{B} 7 \mathrm{ch}$

The Bishop being pinned cannot capture. If Black moves 1 ... K-Q2, 2 P-K6ch, $K \times P, 3 R \times Q, B \times R, 4 K t-K s$ draws.

$$
\begin{aligned}
& 1 \times \underset{\mathrm{R} \times \mathrm{Q}}{\mathrm{~K}} \quad \mathrm{~B}-\mathrm{K} 2!
\end{aligned}
$$

With one Bishop checking, and the other attacking the Rook, it looks bad for White!

| $3 \mathrm{P}-\mathrm{K} 6!$ | $\mathrm{B} \times \mathrm{Pch}$ |
| :--- | :--- |
| $4 \mathrm{P}-\mathrm{Q}!$ | $\mathrm{B} \times \mathrm{Pch}$ |
| $5 \mathrm{R}-\mathrm{QB} 4$ | $\mathrm{~B}-\mathrm{K} 8!$ |

This stops the King from moving to B 3 or Kt 4 , and as the Rook is pinned, White has only Pawn moves.

If 6 P-R4, B-R4 and Black wins, but-

$$
\begin{array}{ll}
6 \mathrm{P}-\mathrm{R} 3!! & \mathrm{B}-\mathrm{K} 3 \\
7 \mathrm{~K}-\mathrm{R} 4! & \cdots \cdots
\end{array}
$$

The luckless Rook is abandoned, but the rules of Chess allow salvation to the King!

$$
7 \ldots \quad B \times R
$$

Stalemate!

M. S. LIBIURKIN

WHITE TO PLAY AND DRAW
"Chess in U.S.S.R."
1940
The well of Libiurkin's originality never seems to run dry!

The play on both sides is highly ingenious, with White extracting a stalemate from a seemingly hopeless situation; Black lifts the stalemate, but White finds another way to force it!

Black threatens 1 . . Q-RS mate, as well as $1 \ldots \mathrm{Q} \times \mathrm{Kt}$ and $1 \ldots \mathrm{Q} \times \mathrm{B}$.

$$
1 \mathrm{Q}-\mathrm{KR1} \quad \mathrm{P}-\mathrm{Q}^{7}
$$

Now the threat is $2 \ldots$ R5ch, 3 K-Kt1, P-R8(Q)ch. 2 Kt x P!
If Black replies 2... Qx Q , $3 \mathrm{~B}-\mathrm{K} 4 \mathrm{ch}$, regains the Queen.

2 . . . P—KtGch
So that if $3 \mathrm{~K}-\mathrm{R} 3, \mathrm{~B}-\mathrm{Q} 3$ mate, and if $3 \mathrm{~K}-\mathrm{R} 1$ (or Kt1) Qx Qch wins.

## 3 Kt x P!!

If Black captures the Queen, then 4 B-K4ch, Q x B, 5 Kt Bsch, followed by $6 \mathrm{Kt} \times \mathrm{Q}$.

$$
\begin{array}{ll}
3 & P \times K t c h \\
K-R 1! & Q \times Q c h
\end{array}
$$

White is stalemate, and the only way to permit him freedom is to move the Queen along the diagona!!

K. A. L. KUBBEL

WHITE TO PLAY AND DRAW
 1029

A First Prize Winner-and by Kubbel!! Such a combination presages a treat!
The play after winning the Queen is extremely interesting, as White must lose a piece, and be left with a single Knight against three pieces. The forced draw from that point is highly ingenious!
 wins the Queen.

$$
2 . \mathrm{K} \times \mathrm{Kt}
$$

Should Black reply $3 \ldots$. $\mathrm{Q} \times \mathrm{B}$, 4 Kt -B6ch, wins the Queen. If, instead $3 \ldots \mathrm{~K}-\mathrm{Q} 1,4 \mathrm{~B}-$ B7ch, K-Ki, 5 B-R5, Q x B, 6 Kt -B6ch, and White remains with two pieces on the board, drawing easily as there are no Pawns for Black to Queen.
3... K—K1

| $4 \mathrm{~B}-\mathrm{R} 5$ | Q x B |
| :---: | :---: |
| $5 \mathrm{Kt}-\mathrm{B} 6 \mathrm{ch}$ | $\mathrm{K}-\mathrm{B} 2$ |
| 6 Kt x Q | $\mathbf{K - K t 3}$ |
| $7 \mathrm{~B}-\mathrm{Kt} 3$ ! |  |
| If $7 \ldots \mathrm{~K} \times \mathrm{K}$ | B $\times$ B draws |
| Or , if $7 \ldots$ | B, $8 \mathrm{Kt} \times \mathrm{B}$ |
| $\mathrm{Kt} \times \mathrm{Kt}$, and Wh | draws as the |
| two Knights can | force mate. |
| 7 | Kt x B |
| $8 \mathrm{Kt}-\mathrm{B} 4 \mathrm{ch}$ | K-B4 |
| $9 \mathrm{Kt}-\mathrm{Q} 3$ |  |

The Bishop must be removed!

$$
9 . \cdots \quad K t-B s c h
$$

To give the all-important Bishop room!

$$
10 \mathrm{~K}-\mathrm{Kt} 3!\quad \mathrm{Kt}-\mathrm{R} 4 \mathrm{ch}
$$

$$
11 \mathrm{~K}-\mathrm{B} 2!
$$

And draws, as the Bishop comes off!

N. D. GRIGORIEV

White to play and win

Third Prize-
"Schachmat" 1928
Pawn endings have a charm of their own!
In this beautiful composition, Black can Queen any one of three Pawns, but Grigoriev shows, White wins neatly, no matter which Pawn Black chooses to promote!

| 1 P -Q4 | R8(Q), 9 Q-R8ch, and wins |
| :---: | :---: |
| Black must move his King, as | the Queen. |
| White threatens to Queen with a check. | $\begin{array}{ll} \text { If } 4, & \mathrm{P}-\mathrm{Kt4}, 5 \mathrm{~S}-\mathrm{K}-\mathrm{K}, \\ \mathrm{P}-\mathrm{Kts}, & 6 \\ \mathrm{P}-\mathrm{Q} 6, \mathrm{P}-\mathrm{KtG}, 7 \end{array}$ |
| K-Kt4 | $\mathrm{P}-\mathrm{Q} 7, \mathrm{P}-\mathrm{Kt7} 8 \mathrm{P}-,\mathrm{Q} 8(\mathrm{Q})$, |
| $2 \mathrm{~K}-\mathrm{B} 7$ ! $\quad \mathrm{K}-\mathrm{B} 4$ | P, |
| $3 \mathrm{P}-\mathrm{Q} 5 \quad \mathrm{~K}-\mathrm{K} 4$ | 11 |
| $4 \mathrm{P}-\mathrm{K} 4$ - . | There's only one candidate left |
| If Black plays $4 \ldots \mathrm{~K}-\mathrm{Q} 3$, 5 | R 4 |
| $\mathrm{K}-\mathrm{B} 6$ follows, and the win is | $5 \mathrm{~K}-\mathrm{K} 7 \quad \mathrm{P}-\mathrm{R} 5$ |
| simple. | $6 \mathrm{P}-\mathrm{Q6} \quad \mathrm{P}-\mathrm{R6}$ |
| He must therefore Queen one | $7 \mathrm{P}-\mathrm{Q} 7 \quad \mathrm{P}-\mathrm{R} 7$ |
| of his Pawns! | 8 Q |
| Which one should he select? | 9 Q -Q6ch Kxp |
| If 4... P-QR4, $5 \mathrm{~K}-\mathrm{K} 7$, | 10 Q -B6ch K moves |
| P-RS, 6 P-Q6, P-RG, 7 P- | 11 QxQ |
| Q7, P-R7, 8 P-Q8(Q), P- | And |


T. B. GORGIEV

WHITE TO PLAY AND WIN

Special Prize-
"Schachmat" 1929

White has three pieces scattered about the board-and must lose one of them!

The two that are left, though, know how to co-operate harmoniously, and force the win in magnificent style!

1 B-K2!!
The attacked Bishop flees, and Black tries to capture one of the separated Knights by discovering check, and then moving $\mathrm{B}-\mathrm{Q} 5$. He cannot do so by 1 . . . KR4ch, $2 \mathrm{~K}-\mathrm{Kt} 2$, $\mathrm{B}-\mathrm{Q} 5$ as 3 Kt-Kt3ch, would be painful.

| 1 | $\ldots-K t 2 c h$ |  |
| :--- | :--- | ---: |
| 2 | $K-K t 2!$ | $B-Q 5$ |
| 3 | $K t-K t 3$ | $B \times K t$ |
| 4 | $K t-R 5 c h!$ | ... |

The Black King cannot go to a Black square, as a Knight check would win the Bishop. And if

4 . . . K-B1, 5 B-Kt $4 \mathrm{ch}, \mathrm{K}-$ Kt1 (or Q1) $6 \mathrm{Kt}-\mathrm{B} 6 \mathrm{ch}$, wins the Bishop. The only move left is:

| 4 | K-R1 |
| :--- | :--- |
| $5 \mathrm{Kt}-\mathrm{B} 6$ | $\mathrm{~B}-\mathrm{B} 6$ |
| $6 \mathrm{~B}-\mathrm{R} 6$ | $\ldots$ |

The King is imprisoned!

| $6 \ldots-\mathrm{B}$ | $\mathrm{P}-\mathrm{Kt4}$ |
| :--- | :--- |
| $7 \mathrm{~K}-\mathrm{B} 3$ | $\mathrm{~B}-\mathrm{Q} 7$ |
| $8 \mathrm{~K}-\mathrm{Kt} 4$ | $\mathrm{~B}-\mathrm{K} 6$ |
| $9 \mathrm{~K}-\mathrm{B} 5$ | $\mathrm{~B}-\mathrm{Q} 7$ |
| $10 \mathrm{~K}-\mathrm{K} 6$ | $\mathrm{P}-\mathrm{Kts}$ |
| $11 \mathrm{~K}-\mathrm{Q} 7$ | $\mathrm{P}-\mathrm{Kt6}$ |
| $12 \mathrm{~K}-\mathrm{B} 8$ | $\mathrm{P}-\mathrm{Kt7}$ |
| $13 \mathrm{~B}-\mathrm{Kt} 7$ mate. |  |

A piquant position! White is a piece ahead, but Black has three threats, $1 \ldots \mathrm{R} \times \mathrm{Kt}$, or $1 \ldots \mathrm{R}-\mathrm{Kt4ch}$, followed by $2 \ldots$. R x B, or finally $1 \ldots$ B-B2ch, followed by $2 \ldots \mathrm{Bx}$.

How White can go wrong at his fourth move with the seemingly powerful 4 Kt -K5 is an interesting feature.

A very fine end-game!

| 1 Kt -K4ch |  |
| :---: | :---: |
| K-B3, 2 R | $\mathrm{Kt}-\mathrm{K} 5, \mathrm{R}-\mathrm{Kt} 4$, 5 B-B3, R x |
| Kt4ch, $3 \mathrm{R}-\mathrm{Kts}$ wins. | Kt , $6 \mathrm{~B} \times \mathrm{Rch}$, but after 6 |
| Or $1 . . . \mathrm{K}-\mathrm{Q} 4,2 \mathrm{Kt}-\mathrm{B} 3 \mathrm{ch}$, | $\mathrm{K}-\mathrm{B} 2$ !! 7 R moves and Black |
| $\mathrm{K}-\mathrm{B} 5,3 \mathrm{R} \times \mathrm{B}$ wins. | is stalemate |
| $1 \ldots \mathrm{~K}-\mathrm{K} 4$ | The winning idea is: |
| $2 \mathrm{Kt}-\mathrm{Kts}$ ! $\mathrm{B}-\mathrm{B} 2 \mathrm{ch}$ |  |
| $3 \mathrm{Kt} \times \mathrm{Bch} \quad \mathrm{K}-\mathrm{B} 3$ | Q8! R-Kt4ch |
| is is where White can go | $\begin{array}{ll}5 & \mathrm{~K}-\mathrm{R} 6 \\ 6 \mathrm{R}-\mathrm{B} 8 \mathrm{ch} & \mathrm{R} \times \mathrm{B} \\ 7 & \mathrm{~K}-\mathrm{K} 4\end{array}$ |
| wrong! Seemingly 4 Kt -K5 | $7 \mathrm{Kt}-\mathrm{B6ch} \quad \mathrm{~K}-\mathrm{Q} 4$ |
| wins. For instance: $4 \mathrm{Kt}-\mathrm{K} 5$, | 8 Ktx R |
| x Kt, 5 B-B3ch, wins, or, |  |
| t-K5, R-R7ch, $5 \mathrm{~K}-\mathrm{K}$ |  |


A. S. GUREWITZ

WHITE TO PLAY AND DRAW

The White Knight annoys the Rook to death-or the offer of a draw!
Masterly end-game technique!
1 P—K7ch
Black cannot move $1 . . \mathrm{K}-\mathrm{Q} 2$ as 2 Kt - B 6 ch , wins the Rook. If $1 \ldots \mathrm{~K}-\mathrm{B} 2$, then 2 Kt B6, $\mathrm{R} \times \mathrm{P}, 3 \mathrm{Kt}$-Q5ch, does likewise.
${ }_{2} \dot{\mathrm{Kt}} \times \dot{\mathrm{K}} \mathrm{t}$
Kt x P

$$
\cdots
$$

$\mathrm{Kt}-\mathrm{K} 6 \mathrm{ch}$

Black doesn't want to exchange Knights by 2 . . R x Kt, 3 $\mathrm{K} \times \mathrm{Kt}$; he therefore starts check. ing. It wouldn't do to play 2 ... Kt-K4ch, as after 3 K B5, R x Kt, 4 P-R7, R $\times$ P, 5 $\mathrm{K} \times \mathrm{Kt}$, the position is drawn.

$$
2 \dot{K} \dot{K}+3 \quad \text { Kt-R7ch! }
$$

$3 \mathrm{~K}-\mathrm{Kt} 3$
Of course not $3 \mathrm{~K}-\mathrm{R} 3, \mathrm{R}-$ R1ch, followed by $4 \ldots \mathrm{~K} \times \mathrm{Kt}$.
$3 \ldots \mathrm{Kt}-\mathrm{B} 8 \mathrm{ch}$
4 K-Kt2
Similarly, if $4 \mathrm{~K}-\mathrm{B} 2$, R-B1ch, and $5 \ldots \mathrm{KxKt}$ and Black wins.

| 4 | $\ldots$ |
| :--- | :--- |
| 5 | $\mathrm{~K}-\mathrm{B}$ |
| p |  |

$$
\mathrm{R} \times \mathrm{P}
$$

White must not grab the Knight, as $6 \ldots \mathrm{R}$-R6 would regain the Knight and finish White.
$7 \mathrm{Kt}-\mathrm{Q} 4!!$
A brilliant stroke! White threatens 8 KxKt , as well as 8 Kt B6ch. Note that Black cannot defend the Knight by 7 . . . $\mathrm{R}-\mathrm{K} 2$, as $8 \mathrm{Kt}-\mathrm{B} 6 \mathrm{ch}$, wins the Rook.

| 7 |  | R-R6 |
| :---: | :---: | :---: |
| 8 | $\mathrm{Kt}-\mathrm{Kt} 5$ | R-Kt6 |
| 9 | $\mathrm{Kt}-\mathrm{Q} 4$ | R-B6 |
| 10 | $\mathrm{Kt}-\mathrm{Kt} 5$ | R-B4 |
| 11 | $\mathrm{Kt}-\mathrm{Q} 4$ ! |  |

And draws! The threat is 12 K x Kt , as well as $12 \mathrm{Kt}-\mathrm{K} 6 \mathrm{ch}$. If $11 . . . \mathrm{R}-\mathrm{K} 4,12 \mathrm{Kt}-\mathrm{B} 6 \mathrm{ch}$, removes the Rook. If 11 . . . R -B6 then $12 \mathrm{Kt}-\mathrm{Kt} 5$ and the chase begins again!

A tricky little position, with more to it than meets the eye!

In only five moves, we have a pin, threatened stalemate, under-promotion, zugswang, domination and Knight fork!

White cannot win by $1 \mathrm{P}-\mathrm{Kt} 7$, $\mathrm{R} \times \mathrm{Pch}, 2 \mathrm{~K}-\mathrm{Kt5}, \mathrm{R}-\mathrm{Q1}, 3$ $\mathrm{R}-\mathrm{Q} 7, \mathrm{R}-\mathrm{Kt1}, 4 \mathrm{~K}-\mathrm{B} 5, \mathrm{R} \times$ $\mathrm{P}, 5 \mathrm{R} \times \mathrm{R}$, stalemate.

1 R-Ks!
The Pin-The Rook being pined, cannot capture the Pawn.

| 1 | $\ldots$ |
| :--- | ---: |
| 2 | $\mathrm{P}-\mathrm{Q}^{7}$ |
| $3 \mathrm{~K}-\mathrm{Kt} 5$ | $\mathrm{R} \times \mathrm{R}$ |
| K 3 Ch |  |
| $\mathrm{R} \times \mathrm{P}!$ |  |

Threatened Stalemate-If 4 P Q8(Q) (or B), Black is stalemate; if $4 \mathrm{P}-\mathrm{Q} 8(\mathrm{R})$ then the position is an easy draw.
$4 \mathrm{P}-\mathrm{Q} 8(\mathrm{Kt})$ !

Under-promotion - the Knight wins where a Queen or Rook would fail!
Domination-the Rook has only two squares to move to where he would not be subject to immedi. ate capture.

Knight fork-
$5 \mathrm{Kt}-\mathrm{Kt} 7 \mathrm{ch}$
And wins the Rook, and the game.
Obviously, had Black moved 4 . . R-Kt1, then $5 \mathrm{Kt}-\mathrm{B} 6 \mathrm{ch}$, would be the winning move.


A brilliant composition illustrating "domination". White's five King moves chase the Bishop from safe squares into the open where the Knight is waiting to execute the "coup de grace".

| 1 | $\mathrm{Kt}-\mathrm{B} 1 \mathrm{ch}$ | $\mathrm{K}-\mathrm{R} 6$ |
| :--- | :--- | ---: |
| 2 | $\mathrm{Kt}(\mathrm{Kt1})-\mathrm{Q} 2$ | $\mathrm{~K} \times \mathrm{B}$ |
| $3 \mathrm{Kt}-\mathrm{B} 3 \mathrm{ch}$ | $\mathrm{K}-\mathrm{R} 6$ |  |
| 4 | $\mathrm{Kt} \times \mathrm{Bch}$ | $\mathrm{K}-\mathrm{Kt} 7$ |
| 5 | $\mathrm{Kt}-\mathrm{K} 2$ | $\cdots \cdots$ |

Black dare not capture the Knight, as $6 \mathrm{Kt}-\mathrm{B4} 4 \mathrm{ch}$, regains a Bishop. If Black tries 5... $\mathrm{B}-\mathrm{K} 5 \mathrm{ch}$, then the continuation would be $6 \mathrm{~K}-\mathrm{Bs}, \mathrm{K} \times \mathrm{Kt}, 7$ $\mathrm{Kt}-\mathrm{Kt} 3 \mathrm{ch}, \mathrm{K}$ moves, $8 \mathrm{Kt} \times \mathrm{B}$.

| $5 \ldots$ | B-K1ch |
| :--- | ---: |
| 6 K-B7! | $\mathrm{K} \times \mathrm{Kt}$ |
| $7 \mathrm{~K}-\mathrm{Q} 8!$ | $\ldots .$. |

The Bishop's dilemma! If $7 .$. . B-B3, 8 Kt -Q4ch. On $7 \ldots$ B-R5, $8 \mathrm{Kt}-\mathrm{B} 3 \mathrm{ch}$, wins the Bishop. Likewise after 7. .

B-Kt3 (or R4) $8 \mathrm{Kt}-\mathrm{B} 4 \mathrm{ch}$ does the trick.

$$
\begin{aligned}
& 7 . \times \dot{K} \times \mathrm{P}!\quad \text { B-B2! } \\
& 9
\end{aligned}
$$

The Bishop has only one square to flee to, to escape the fearful discovered check!

$$
\begin{aligned}
& 8.0 . \quad \text { B-Kt1 } \\
& 9 \text { K-B8! }
\end{aligned}
$$

The King pursues relentlessly! Once more the Bishop has only one square!

$$
10 \dot{\mathrm{~K}}-\dot{\mathrm{K} t} 7!\quad \text { B-R2! }
$$

And wins, as the Bishop has no move!


A hopeless looking position for a win! White's Knight and Pawn are attacked, and Black has a passed Pawn!

An exciting chase ensues, in which Black gets a Queen -but White gets the King!

| $1 \mathrm{Kt}-\mathrm{Kt}$ ch! | by $5 \mathrm{~K}-\mathrm{B} 5$. |
| :---: | :---: |
| Black has no time for | 4... P-Rs |
| $\mathrm{Kt} \times \mathrm{Kt}$, as there would follow | $5 \mathrm{~K}-\mathrm{Q} 5$ ! |
| $2 \mathrm{~B} \times \mathrm{Kt}, \mathrm{P}-\mathrm{R} 5,3 \mathrm{~K}-\mathrm{Kt6}$, |  |
| $\mathrm{P}-\mathrm{R} 6,4 \mathrm{~B}-\mathrm{Kt1}, \mathrm{~K}-\mathrm{B} 3,5$ | $6 \mathrm{~K}-\mathrm{K} 4$ and the Black Pawn |
| $\mathrm{K}-\mathrm{K} t 5, \quad \mathrm{~K}-\mathrm{K} t 4,6 \mathrm{~K}-\mathrm{K} t 4$ | falls. |
| B-Q4, and White wins. | 5... P-R6 |
| $1 \ldots \mathrm{~K}$ - 33 | $6 \mathrm{~K}-\mathrm{B4}$ ( P-R7 |
| 2 Ktx Kt | $7 \mathrm{~B}-\mathrm{Kt4}$ ( P-R8(Q) |
| $3 \mathrm{~B}-\mathrm{B} 3 \quad \mathrm{KxKt}$ | $8 \mathrm{P}-\mathrm{Kt} 3$ |
| $4 \mathrm{~K}-\mathrm{K} 6$ ! | Mate! |
| Threatening to capture the Pawn | And just in time! |


T. C. L. KOK

WHITE TO PLAY AND DRAW
"Residentiebode"
1933
White finds that he cannot stalemate himself by the "burial alive" method, so he resorts to a pendulum device!

If White should attempt to stalemate himself, he would be just one move too late! For instance, if $1 \mathrm{R}-\mathrm{B} 3, \mathrm{P}-\mathrm{Kt} 6,2 \mathrm{R}-\mathrm{R} 3$, P-Kt7, 3 R-R5, P-Kt8 (Q), 4 P-R4, Q-Kt8 mate.

## 1 R-B2ch!

The idea is: If $1 \ldots \mathrm{~K}-\mathrm{R} 6$ or Kt6, 2 R-B3ch, and White gains the necessary move for the above stalemate!

| 1 | $\ldots$ | $\mathrm{~K}-\mathrm{R} 8$ |
| :--- | :--- | ---: |
| 2 | $\mathrm{R}-\mathrm{B} 3$ | $\mathrm{P}-\mathrm{Kt6}$ |
| $3 \mathrm{R}-\mathrm{R} 3$ | $\mathrm{P}-\mathrm{Kt} 7$ |  |
| $4 \mathrm{R}-\mathrm{R} 3 \mathrm{ch}$ | $\mathrm{K}-\mathrm{Kt8}$ |  |
| 5 RxP | $\mathrm{K}-\mathrm{B} 7$ |  |


| $6 \mathrm{R}-\mathrm{B4} 4 \mathrm{ch}$ | K-Kt6 |
| :---: | :---: |
| 7 R - $\mathrm{B}_{8}$ | $\mathrm{P}-\mathrm{Kt8}$ (Q) |
| $8 \mathrm{R}-\mathrm{Kt8ch}$ | K-B7 |
| 9 Rx Q | K x R |
| $10 \mathrm{P}-\mathrm{R} 4$ ! | K-B7 |
| 11 K -R5 | K-Q6 |
| $12 \mathrm{~K}-\mathrm{K}+5$ | K-Ks |
| $13 \mathrm{~K}-\mathrm{R} 5$ ! |  |

So that if $13 \ldots \mathrm{~K} \times \mathrm{P}$, stalemate.

| 13 | K-B6 | K-B6 |
| :--- | :--- | ---: |
| 14 | K-Kts | K-Kt6 |

$15 \mathrm{~K}-\mathrm{R} 5$ !
Drawn! White's King simply oscillates from Rook five to Knight five and back again!
J. VILLANEUVE-ESCLAPQN
white to play and draw


The King shows himself to be a powerful attacking piece in this imaginative and subtle composition!

$$
6 \text { B-K } 5!
$$

$$
7 \text { B-B4! }
$$

$$
\mathrm{R}-\mathrm{KB} 7
$$

: • .

The Knight is attacked-and if the Knight moves anywhere except Qs, $8 \mathrm{~B}-\mathrm{K} 3 \mathrm{ch}$, wins the Rook.

$$
\begin{array}{ll}
7 \dot{B}-\mathrm{K} 3 & \mathrm{Kt}-\mathrm{Q} 5 \\
\mathrm{R}-\mathrm{B} 4 \mathrm{ch}
\end{array}
$$

Black struggles hard to his pieces!

$$
\begin{array}{rr}
9 \mathrm{~K}-\mathrm{K} t 4 & \mathrm{R}-\mathrm{Q} 4 \\
10 \mathrm{~K}-\mathrm{B} 4 & \mathrm{~K}-\mathrm{Kt} 3!
\end{array}
$$

Against any other move, 11 K K4 wins a piece.

$$
11 \mathrm{~K}-\mathrm{K} 4 \quad \mathrm{~K}-\mathrm{B} 4
$$

Black threatens to play 12 . . .
$\mathrm{K}-\mathrm{B} 5$ and thus free himself from the exasperating pin.
$12 \mathrm{~K}-\mathrm{Q} 3$ !
$\mathrm{R}-\mathrm{Q} 1$
$13 \mathrm{~B}-\mathrm{B} 2$

Drawn! Black cannot unpin himself without losing a piece!

$$
\begin{aligned}
& \text { 1 B-K. } 7 \\
& \text { If } 1 \ldots \mathrm{R} \text { - } \mathrm{Kt} 1,2 \dot{\mathrm{~B}} \times \mathrm{Kt} \text {, } \\
& \text { B x B, } 3 \mathrm{Kt} \text { - B6ch, followed by } \\
& 4 \mathrm{Kt} x \mathrm{~B} \text {. } \\
& \text { 1.... R-R2 } \\
& \text { Now, if White tries } 2 \mathrm{BxKt} \text {, } \\
& \text { then } 2 \ldots \text {. . R x Pch, } 3 \mathrm{~K}-\mathrm{Kt} 4 \text {, } \\
& \mathrm{B} \times \mathrm{B} \text {, and White cannot check } \\
& \text { at Bishop six. } \\
& 2 \mathrm{~K}-\mathrm{Kt} 4 \\
& 3 \text { K-Rs! }
\end{aligned}
$$


T. C. L. KOK

White to play and win

## "Tijdschrift"

1936
A remarkably brilliant composition, showing Plachutta interference in two different variations, combined with a blocking idea!!

W'hite's immediate threat is 1 R-B1 followed by 2 R-R1 mate. He cannot execute the threat at once, however because Black can escape with 1 ... K-R3 followed by $2 \ldots$ KKt4. Therefore it is necessary to block Black's QKt4 square. $1 \mathrm{P}-\mathrm{K} t 5$ !
Threat is $2 \mathrm{R}-\mathrm{R} 4$ mate.

$2 \mathrm{R}-\mathrm{B} 1$
Now White threatens $3 \mathrm{R}-\mathrm{R} 1$ mate. If Black defends by 2 . . . R -Kts then White continues $3 \mathrm{Kt}-\mathrm{B} 4!\mathrm{R}(\mathrm{Kts}) \times \mathrm{Kt}$ (if $3 \ldots$ R(B7) $\times \mathrm{Kt}, 4 \mathrm{R}-\mathrm{R} 1 \mathrm{ch}, \mathrm{R}-\mathrm{R} 5$, $5 \mathrm{R} \times \mathrm{Rch}, \mathrm{R} \times \mathrm{R}, 6 \mathrm{P}-\mathrm{B} 8(\mathrm{Q})$ wins) $4 \mathrm{P}-\mathrm{B} 8(\mathrm{Q}), \mathrm{R}-\mathrm{B} 5 \mathrm{ch}$, (or 4... RxQ, 5 R-R1 mate) $5 \mathrm{R} x \mathrm{R}, \mathrm{R} \times \mathrm{Q}, 6 \mathrm{R}-\mathrm{B} 1, \mathrm{R}-$ B5, 7 P-R5!, R-KR5, 8 RR1ch, R-R5, 9 R $\times$ R, $\mathrm{P} \times \mathrm{R}, 10$ P-R6 and White wins.

$$
\begin{array}{lr}
\dot{\mathrm{K} t-\mathrm{B}} 6! & \mathrm{P}-\mathrm{K} 4 \\
& \cdots
\end{array}
$$

$$
\text { If } 3 \ldots \mathrm{R}(\mathrm{~B} 7) \times \mathrm{Kt}, 4 \mathrm{R}=
$$

$$
\text { R1ch, } \mathrm{R}-\mathrm{R} 3 \text {, } \mathrm{S} \text { R } \times \mathrm{Rch}, \mathrm{~K} \times \mathrm{R} \text {, }
$$

$$
6 \mathrm{P}-\mathrm{B} 8(\mathrm{Q}) \text { wins easily. }
$$

$$
4 \underset{\mathrm{P}}{3}-\mathrm{B} 8(\mathrm{Q})^{\mathrm{R}(\mathrm{Kt} 3) \times \mathrm{Kt}}
$$

Black dare not capture the Queen, as mate by $5 \mathrm{R}-\mathrm{R} 1$ would follow.

| 4 |  | R-B3ch |
| :---: | :---: | :---: |
| 5 | $\mathrm{R} \times \mathrm{R}$ | $\mathrm{R} \times \mathrm{Q}$ |
| 6 | $\mathrm{R}-\mathrm{B} 1$ | R-B3 |
| 7 | R-R1ch | $\mathrm{R}-\mathrm{R} 3$ |
| 8 | R x Rch | K x R |
| 9 | P-Rs | $\mathrm{P}-\mathrm{K} t 5$ |
| 10 | P-R6 | P-Kt6 |
| 11 | $\mathrm{P}-\mathrm{R} 7$ | $\mathrm{P}-\mathrm{Kt7}$ |
| 12 | $\mathrm{P}-\mathrm{R} 8$ (Q) | $\mathrm{P}-\mathrm{Kt8}(\mathrm{Q})$ |
| 13 | Q-R8ch | K-Kt4 |
| 14 | Q-Kt8ch | K-B5 |
| 15 | Qx Q |  |



So bewilderingly beautiful is this masterpiece, that even though it has a slight flaw, it must be ranked as one of the finest of end-game compositions !

The natural move $1 \mathrm{P}-\mathrm{R} 8(\mathrm{Q})$ would lose by $1 \ldots \mathrm{BxPch}$, $2 \mathrm{~K}-\mathrm{Q} 4, \mathrm{P}-\mathrm{R} 8(\mathrm{Q}) \mathrm{ch}$, and the White Queen is lost!

$$
1 \mathrm{Kt}-\mathrm{B} 4 \mathrm{ch}!
$$

The Black King cannot go to Rook five or Rook seven, as White would Queen with check.

White still dare not Queen, as after 3 P-R8(Q), K x Kt(dis)ch, 4 K-Q4, P-R8. (Q) ch, wins the Queen.
$3 \mathrm{Kt}-\mathrm{B} 3!\quad \mathrm{P}-\mathrm{R} 8(\mathrm{Q})$
$4 \mathrm{P}-\mathrm{R} 8$ (Q) QxKt!!
A startling sacrifice! If White
replies $5 \mathrm{P} \times \mathrm{Q}, \mathrm{K}-\mathrm{K} 6$ is mate! Or, if 5 Q-R3ch, K-B5. (dis) ch, $6 \mathrm{Q} \times \mathrm{B}, \mathrm{Q}-\mathrm{Q} 6$ mate.
$5 \mathrm{Q} \times$ Qch K-K7(dis)ch
To which White must not answer $6 \mathrm{~K}-\mathrm{Q} 4$, as $6 \ldots \mathrm{P}-\mathrm{K} 4$ would mate him!

$$
\begin{array}{cc}
6 \mathrm{Q}-\mathrm{B} 3 \mathrm{ch}! & \mathrm{B} \times \mathrm{Qch} \\
7 \mathrm{~K}-\mathrm{Q} 4 & \mathrm{~K} \times \mathrm{P} \\
\text { Threatens } 8 \ldots & \mathrm{P}-\mathrm{K} 4 \mathrm{mate} . \\
8 \mathrm{~B} \times \mathrm{P}! & \mathrm{P} \times \mathrm{B} \\
\text { Stalemate! } &
\end{array}
$$

The flaw in the diamond: Black at his seventh move can play 7 $\ldots \mathrm{P}-\mathrm{Q} 4$, then after $8 \mathrm{~K}-\mathrm{B} 3$, $\mathrm{P}-\mathrm{Ktsch}$, he eventually gains White's Pawn in exchange for his Knight Pawn, and wins.

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[^0]:    Mate.

